



AppSpace Designer

User Manual

Release 4.1.1

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PREFACE

AppSpace provides two management interfaces that cater for Designers / Business users and IT administrators. This user manual describes the features and functions of the AppSpace Designer interface.

APPSPACE INTRODUCTION

AppSpace is an online application management platform that allows users to create, manage, and publish digital media applications. The user manual will provide you with an overview of AppSpace key capabilities and help you build your first media application.

FOR CONTENT MANAGERS

Manage all your applications and content on a robust online platform with access to features and functions that empower flexibility and creativity across the organization.

FOR DESIGNERS

Create great-looking applications with professionally designed templates or make your own using the integrated visual design tools.

FOR IT ADMINISTRATORS

Bring AppSpace into a secure enterprise environment and directly integrate into your existing IT infrastructure through a Cloud or On-Premise solution.

APPSPACE SYSTEM REQUIREMENTS

In order to access AppSpace, the user's browser must meet the following minimum requirements:

AppSpace Browser Requirement
➤ Adobe Flash Player 10 or later must be installed.
➤ You are running Firefox 3.0, Safari, Chrome or Internet Explorer 7 or 8 web browsers.
➤ Enable Java Script on your browser.
➤ Java Runtime Environment must be installed.
➤ Disable your pop-up blocker for the website.
➤ We recommend a minimum screen size of 1024x768.

GETTING STARTED WITH APPSPACE

The easiest way to get started with AppSpace is to use one of professionally designed templates. See the section titled [AppSpace Templates](#) for more information.

AppSpace has an intuitive, drag-and-drop user interface that makes building media applications easy and simple to manage. In order to get started, follow the simple steps below:

- Create a new application from one of the existing templates
- Create or edit existing layouts to suit your requirements
- Upload your content (video, images, Flash animations, audio tracks) or assign data (RSS, text) to a widget
- Assign players to playback your new application

KEY TERMS

Before using AppSpace it is important to understand the following key terms:

Application

An application is a collection of layouts and widgets that have been programmed to run at a specific time, duration and location. Each application is designed to cater to a specific media location and purpose, e.g. Main Entrance Information Display or Elevator Lobby Advertising Panel.

Layout

Layouts can be scheduled to play in a linear sequence or on specific days and times (when scheduling mode is enabled). Layouts contain widgets that can be styled and reused across multiple layouts. Depending on the widget, you may be able to upload and schedule content for playback.

Widget

Widget is a visual representation of content and data. Widgets are the building blocks of applications. The content and data they display may include videos, images, text, RSS and other media.

Player

A network enabled device that displays an application.

Network

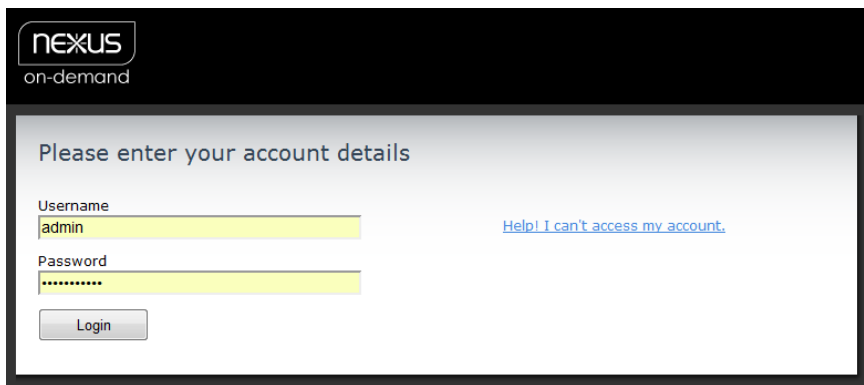
A network is an administrator-defined partition of an AppSpace account. Typically the network tree follows an organization's management or geographical structure. Networks allow for the organization of users, devices and sub-networks.

Content

Content is used interchangeably with the term media. Content typically represents media files or data that can be assigned to a widget.

LOGIN TO APPSPACE

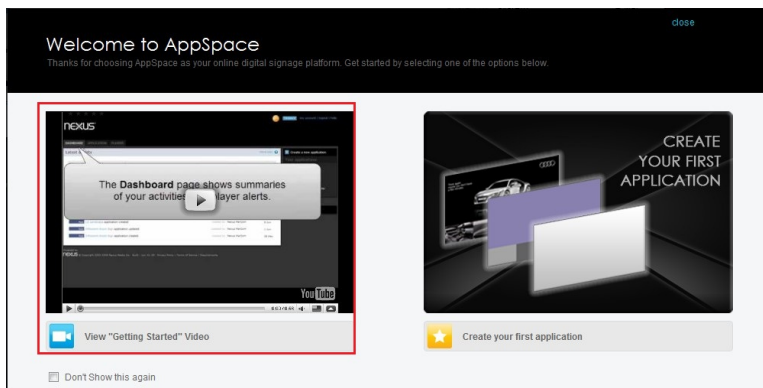
You can login to AppSpace by going to the URL [http://\[server_url\]/app/login.aspx](http://[server_url]/app/login.aspx)



The login screen features the 'NEXUS on-demand' logo at the top left. Below it, the text 'Please enter your account details' is centered. There are two input fields: 'Username' with the value 'admin' and 'Password' with masked characters. A 'Login' button is positioned below the password field. A link 'Help! I can't access my account.' is located to the right of the username field.

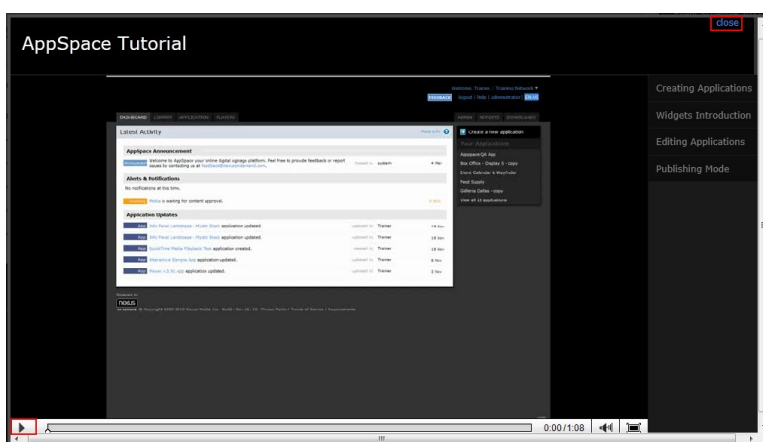
AppSpace Login

To login to AppSpace you will require a user account and a valid username and password. For first time users you will be presented with the "Welcome to AppSpace" dialog screen upon login. This dialog can be disabled for future logins by checking "Don't show this again".



Welcome Screen

If you click on the "View Getting Started Video", you will be directed to the AppSpace Video Tutorial section where you can view a demo video to get you started with using the system.

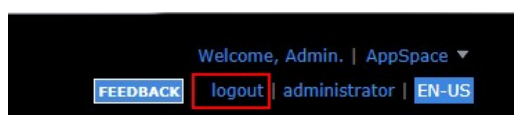


AppSpace Tutorial

If you click on the "Create Your First Application" from the "Welcome to AppSpace" page the system will open-up the "Application Templates Library" page. See the [Create a New Application](#) section for further explanation on creating an application.

LOGGING OUT OF APPSPACE

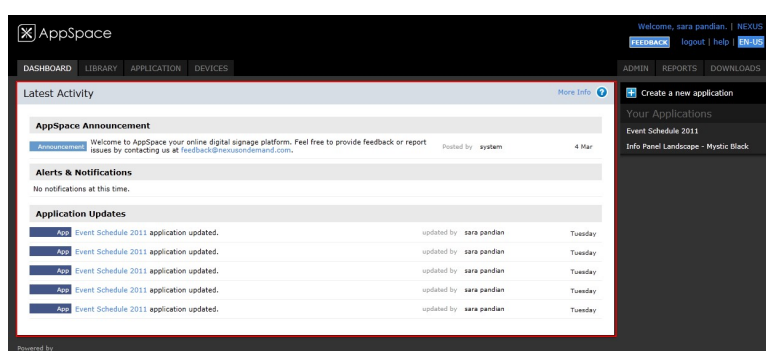
To log out of AppSpace, click on the “Logout” link located at the top right of the page.



Logout of AppSpace

DASHBOARD

The AppSpace Dashboard is the landing page for all users. It displays information that is relevant to the user's role. Information about content updates, network status, approval requirements may be displayed in the page.

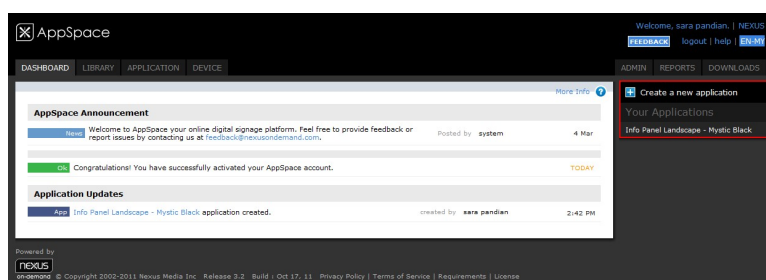


Dashboard

- The “AppSpace Announcements” section displays news from Nexus On-Demand concerning AppSpace or other Nexus notifications
- The “Alerts & Notifications” section displays system events specific to your account. This includes Approval Notifications, which notifies the Administrator of all pending content approvals
- The “Applications Updates” section displays a list of the most-recent application activities

CREATING A NEW APPLICATION

Depending on the user's permission, you may see the “Your Applications” list on the right panel. Click on the “Create a New Application” link.



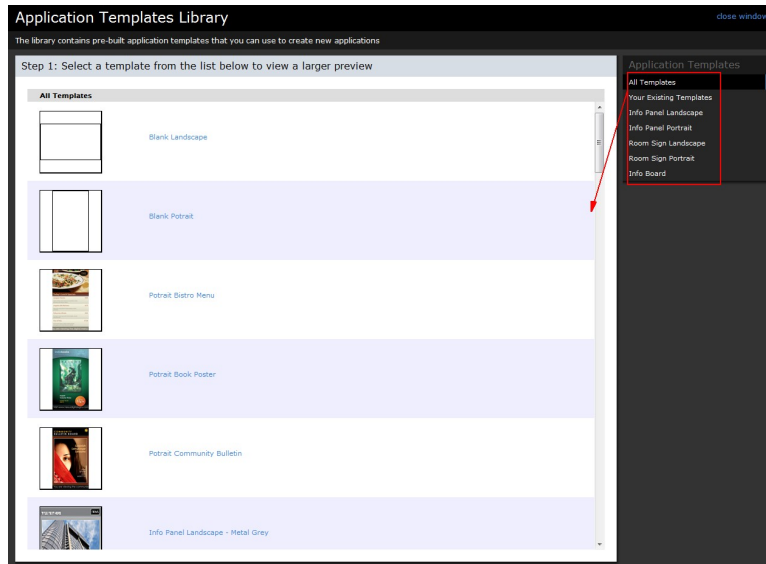
Creating a New Application

The system will open-up the “Application Templates Library” that you can use to create a new application. AppSpace includes many professionally designed templates that cater to specific verticals (e.g. room schedulers, corporate communications, hospitality, etc.).

Application Templates

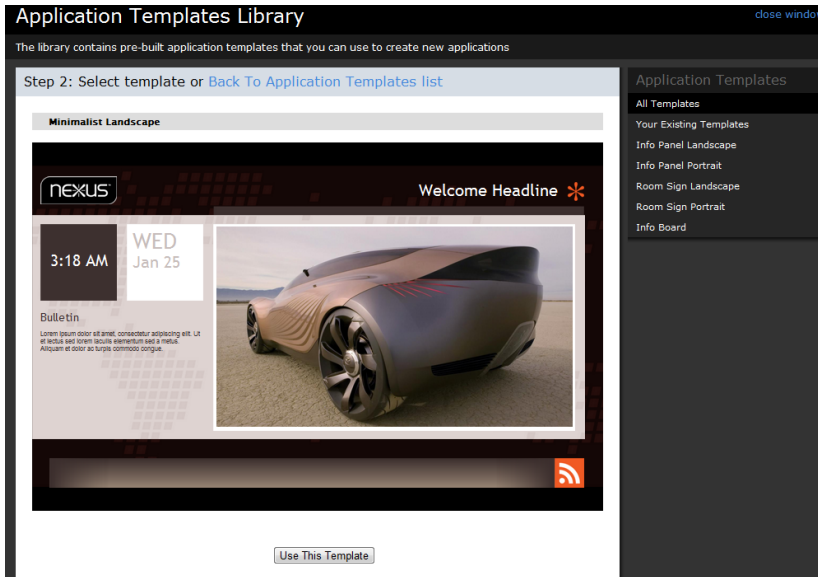
When creating a new application, users are given the option to use a template or start with a blank canvas. Application templates are predesigned applications that have been provided to make the creation process easier.

The templates library contains application templates that you can use to create a new application. To view a larger preview of the template, click a template in the list.



Application Templates Library

Once you have selected the desired template, click on the “Use This Template” button.



Template Preview

The system will open-up the “Create New Application” dialog screen. Provide a name for your application and click “OK”.

Create New Application

Name the application

("Lobby Advertising" or "Marketing Channel",etc)

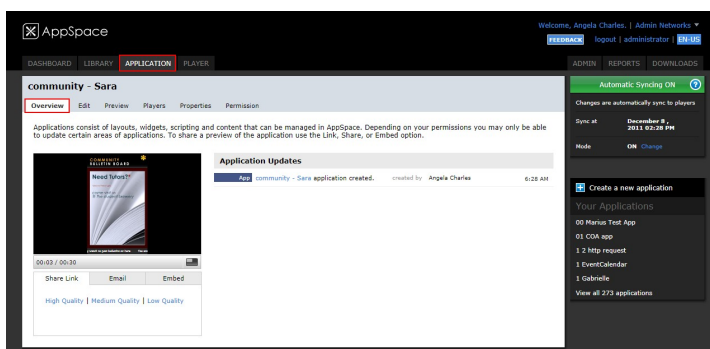
Type application name here

OK

Cancel

Creating a New Application

Upon creation the system will browse to the "Application" section, which will display the overview of the newly created application.



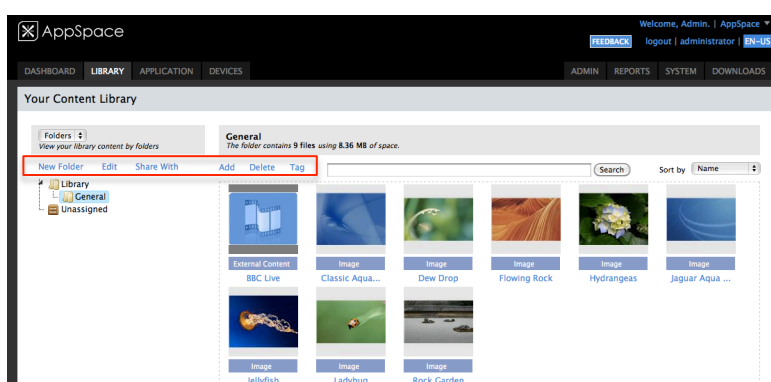
Application Overview

To learn more about applications go to the [Application](#) section.

LIBRARY

OVERVIEW

The AppSpace Library allows users to upload, store and manage application content that can be used in applications. The Library is shared amongst users of the same user group.



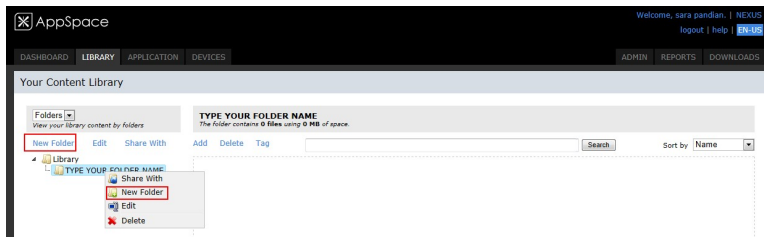
Content Library

In the Library users can organize content into folders or tags. Tags are key words that can be assigned to content to provide multiple grouping and easier searching capability. Users can search content by name or tag.

The "Unassigned" content folder is a system folder that contains all content that are uploaded directly to a widget in an application. This folder cannot be renamed, moved nor have sub folders added to it.

CREATING A NEW FOLDER

To create a folder, click on the "Library" folder, and then click on the "New Folder" link above. Alternatively, right click an existing folder and select "New Folder" from the drop-down menu.



Creating a New Folder

A text field will appear prompting you to type the folder name. After you have created the new folder, you can add sub-folders if required.



Naming a New Folder

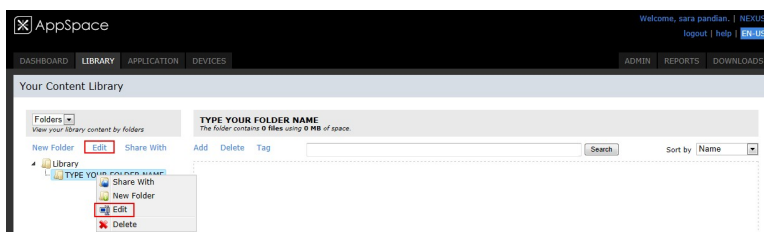
To create a sub-folder, click on the desired folder, click on the "New Folder" link. A text field will appear prompting you to type in the sub-folder name.



Creating Sub-folder

EDITING A FOLDER

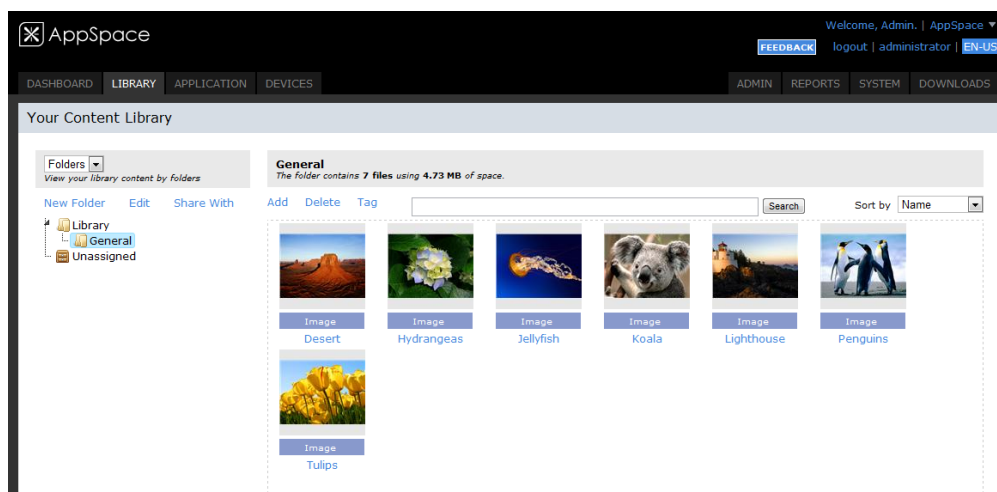
To edit a folder name, click on the "Edit" link above the folder tree. Alternatively, right click on the folder and select "Edit" from the drop-down menu.



Editing a Folder

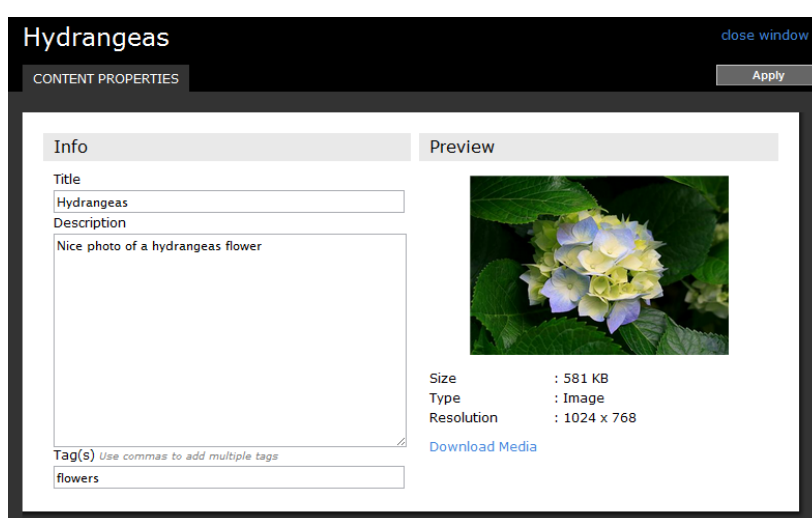
EDITING CONTENT

You can edit content in a folder by double clicking on a content thumbnail in the selected folder.



Viewing Folder Content

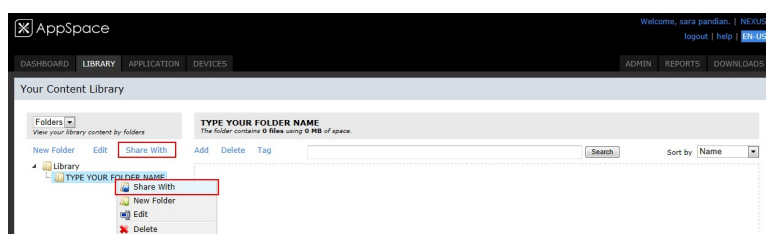
The edit content dialog allows users to provide a title, description and tags for organizational purposes. User can also view content meta-data (such as resolution, type, etc.) and download by clicking the “Download Media” link.



Editing Content Dialog

SHARING FOLDERS

Although the library is unique to each user group, users can share content between different user groups in the same account. To share content, select the folder that you want to share and click on the “Share With” link. Alternatively, right click on the folder then select “Share With” from the drop-down menu.



Sharing Folders

In the pop-up dialog, select the desired user group and permission type. Click on the “OK” button once you are done.

Share with...

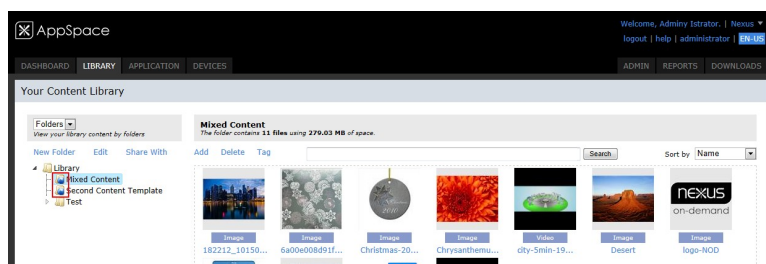
- ☐ **Portal**
All users are allowed to view and use the content.
- ☐ **User Group (Read Only)**
All user groups are allowed to view and use the content.
- ☐ **User Group (Read & Write)**
All user groups are allowed to view, use and manage content (add new, delete and rename).
- ☒ **Custom**
Set permission model for selected user groups only.

User Groups **Permission Type**

☒ Content Managers ☒ Read Only ☐ Read & Write

Sharing Folders Option

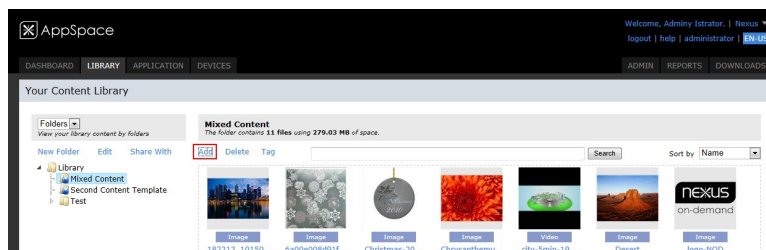
A shared folder will have a blue globe icon on it. The selected user group will be able to view the shared folder under the Shared view.



Shared folder

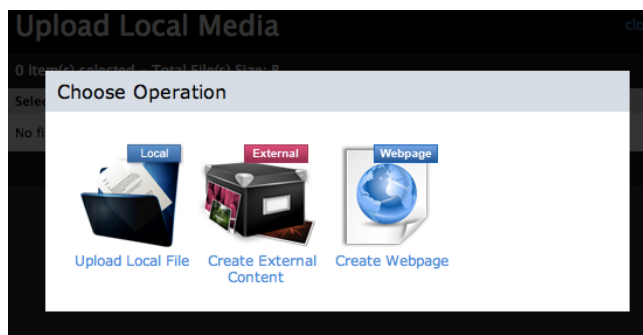
ADDING CONTENT TO FOLDER

To add content to a folder, choose the desired folder and click on the “Add” link.



Adding Content to Folder

A dialog box will pop up prompting you to choose either to “Upload Local File”, “Create External Content” or “Create Webpage”.



Adding Content Options

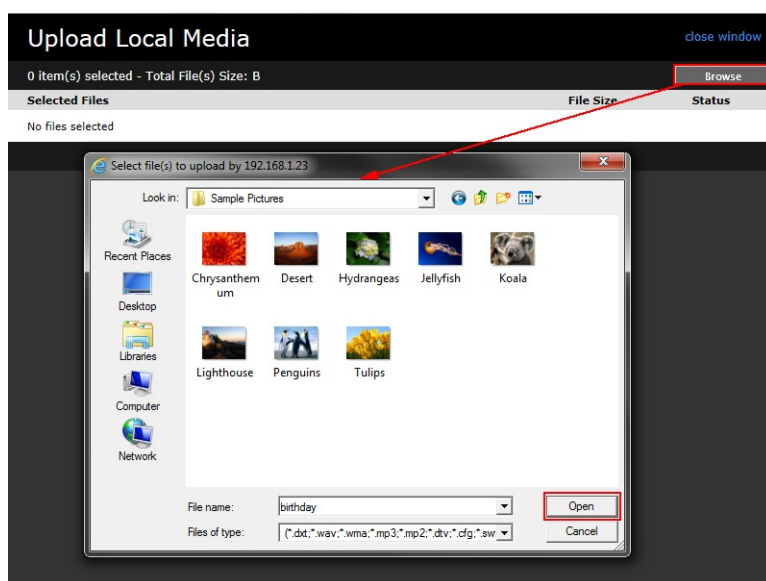
UPLOADING LOCAL FILES

Upon clicking on the "Upload Local File" link, the system will open-up the "Upload Local Media" window, click on the "Browse" button.



Uploading Local Files

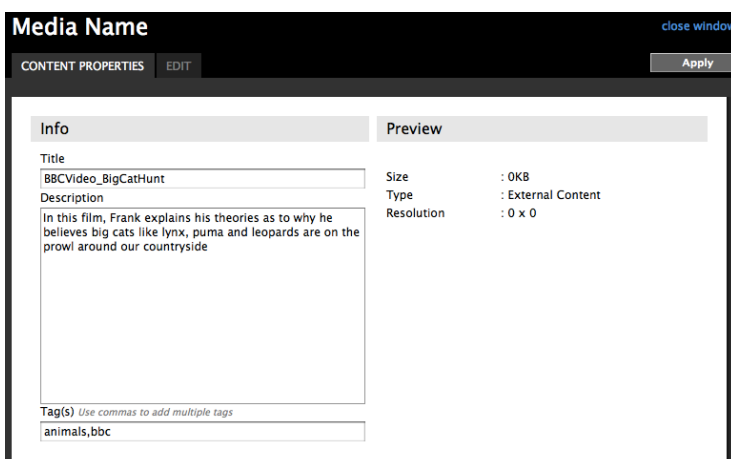
The system will open-up a window to select your media or image files, click on the "Open" button to start uploading or "Cancel" button to exit. (You can select single or multiple files to upload).



Browsing Local Files

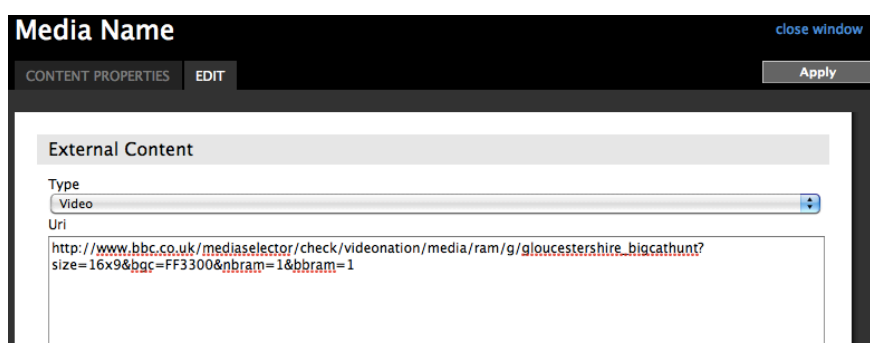
CREATING EXTERNAL CONTENT

Users can choose the "Create External Content" option if they prefer to link to content on the network instead of uploading it to the AppSpace server. A dialog box will display prompting the user to enter the content information. Under the "Content Properties" tab, enter the title and description for the content. Users can also tag the content here.



Creating External Content – Content Properties

Under the “Edit” tab, you can choose the content type, for example Video, PDF, PowerPoint, etc. and type the URI for the content. Click “Apply” when you are finished. The new External Content file will be displayed in your content library.

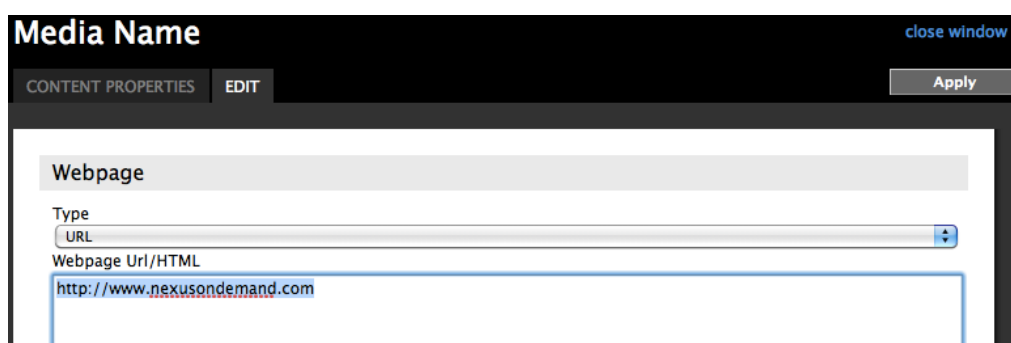


Creating External Content - Edit

CREATING WEBPAGE CONTENT

Creating webpage content is similar to creating external content. You will be prompted with a dialog window for you to enter the content information like title, description and tagging information for the webpage.

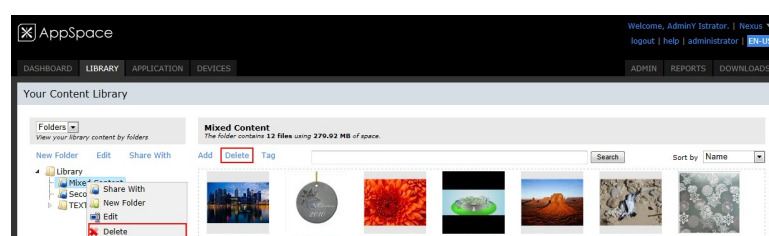
If you click on the Edit tab, you will have the option to choose either a URL or HTML Snippet type. The URL option lets you provide the link to a webpage on the network. The HTML Snippet option allows you to type the custom html code in the textbox provided. Click Apply when you are finished.



Creating Webpage Content

DELETING A FOLDER

To delete a folder, right click on the folder and select “Delete” from the drop-down menu.

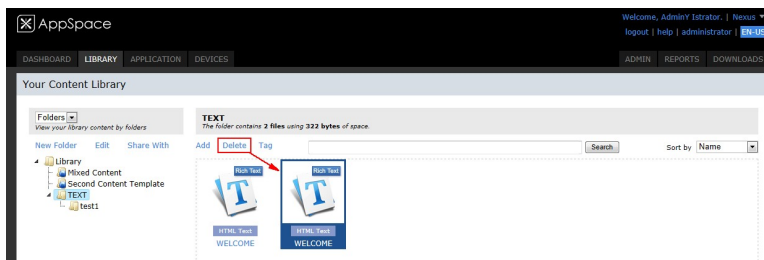


Deleting a Folder

The system will open-up a confirmation window to confirm your action. Select “Yes” button to delete or “No” button to exit. Please note that any content in the folder after deletion will be removed from the system if unallocated, or moved to the “Unassigned Folder” if allocated to a widget.

DELETING A CONTENT

To delete content, simply select the content thumbnail and click on the "Delete" link.



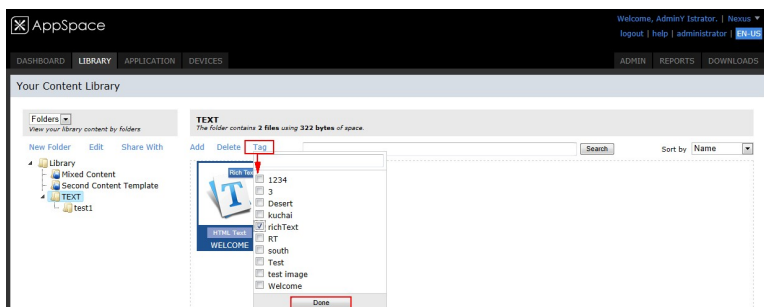
Deleting a Content

A confirmation window will pop-up for you to confirm your action, select the "Yes" button to delete or "No" button to exit.

TAGGING CONTENT

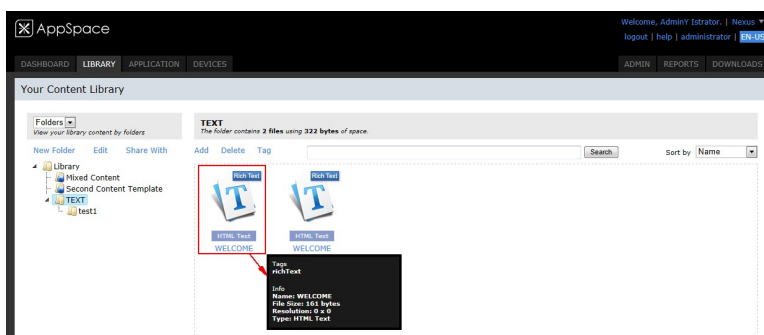
Tagging lets you further organize your library content for quicker search results.

To tag your content, simply select the content and then click on the "Tag" link. A drop-down menu will appear which prompts you to type a new tag name or select from one of the existing tags.



Tagging Content

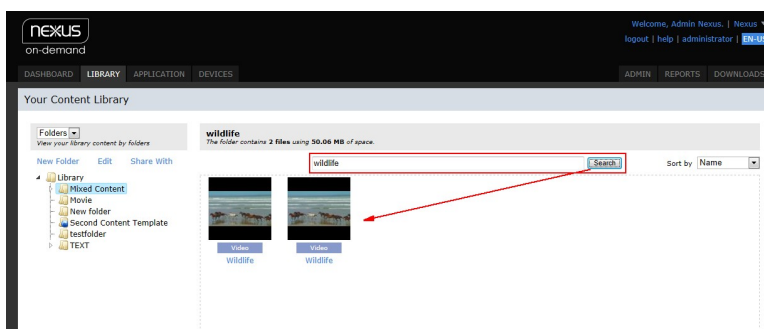
To view your content tags, mouse over to the content thumbnail. You will see a pop-up menu displaying the tag details as well as the content information.



Viewing Content Tagging

SEARCHING CONTENT

To search for content, type the file name or tag into the search field and click "Search".



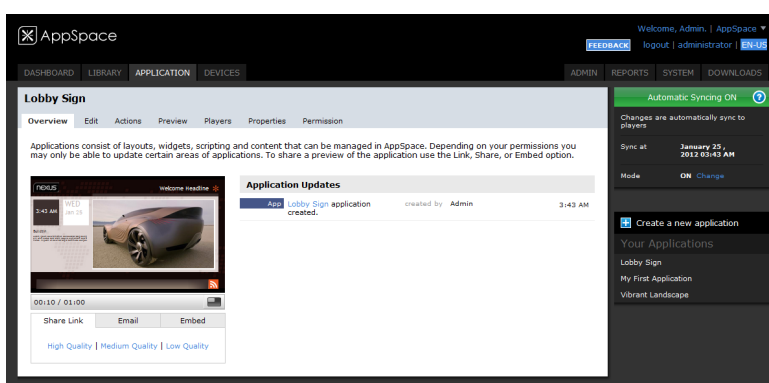
Searching Content

APPLICATION

The Application section contains one or more of the following tabs: Overview, Edit, Schedule, Preview, Players, Properties and Permission. Depending on the user's role, you may only be able to access certain tabs.

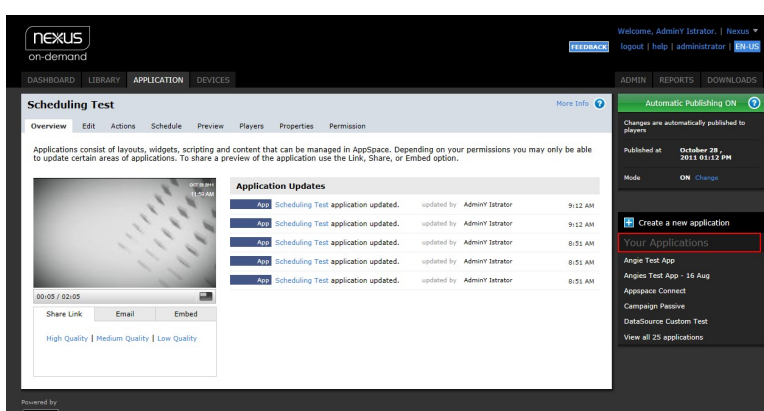
OVERVIEW

The "Overview" tab provides a preview and summary of application updates. Users can share a preview of the application by using either the "Share Link, Email, or Embed" option.



Application Overview

To select a different application, click on an application name in the "Your Applications" section in the right column.

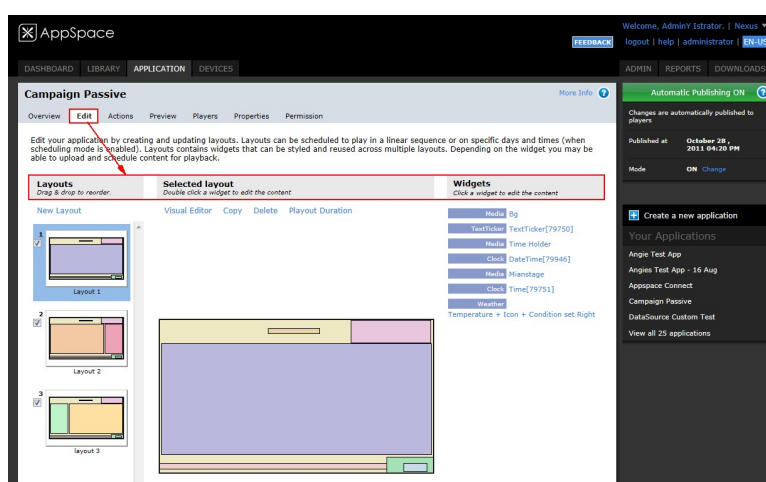


Your Applications List

EDITING AN APPLICATION

You can edit an application by creating or updating layouts. Layouts can be scheduled to play in a linear sequence or on specific days and times (when scheduling mode is enabled).

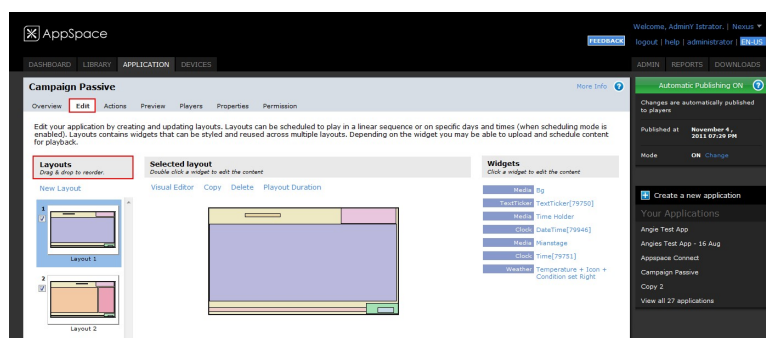
A layout contains widgets that can be styled and used on multiple layouts. Depending on the widget you may be able to upload and schedule content for playback.



Editing Application

The “Edit” tab contains the following panels:

- Layouts panel – Displays a list of layout included in the application
- Selected Layout panel – Currently selected layout
- Widgets panel – List of widgets for the currently selected layout



Edit Tab

Creating a New Layout

“Layouts” are like slides in PowerPoint. They are used to organize the order and placement in which your content is displayed. Each layout holds a series of layered widgets or zones that have content allocated to them.

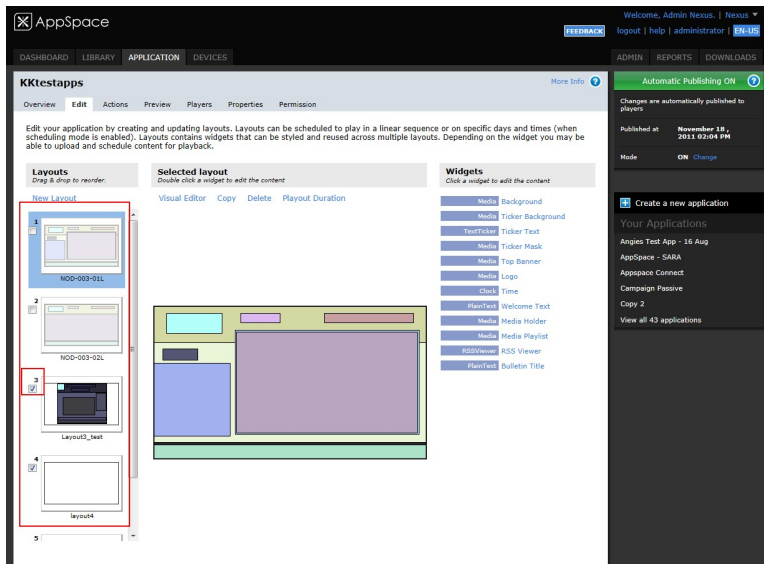
To create a new layout, click on the “New Layout” link on the Layouts panel. The system will open-up the “Create New Layout” screen. Type in a unique name in for the layout and click “OK”.



Creating a New Layout

Ordering Playout Sequence

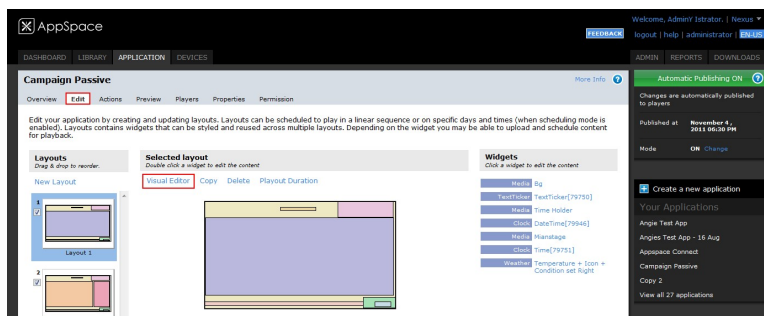
If scheduling is not enabled, the left panel that displays your list of layouts is also used to order the playout sequence. You may disable a layout from playback by unchecking the box to the top left of each layout. You can also drag and drop layouts higher and lower to change their order. When Application Scheduling is enabled (See [Application Properties](#)) the list simply represents your collection of layouts in the application and not the playout sequence.



Ordering Playout Sequence

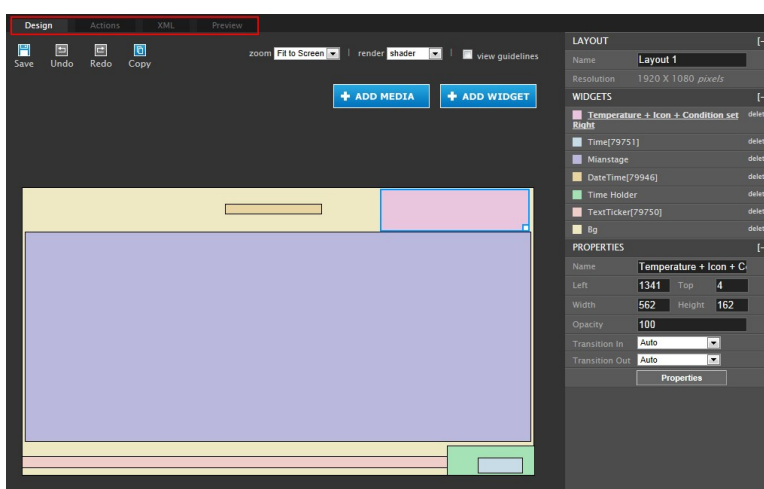
EDITING LAYOUT

To edit a layout, click on a layout preview from the left panel. Once a layout is selected the user can edit via the Visual Editor, copy, delete or modify the playout duration (if application scheduling is disabled).



Opening the Visual Editor

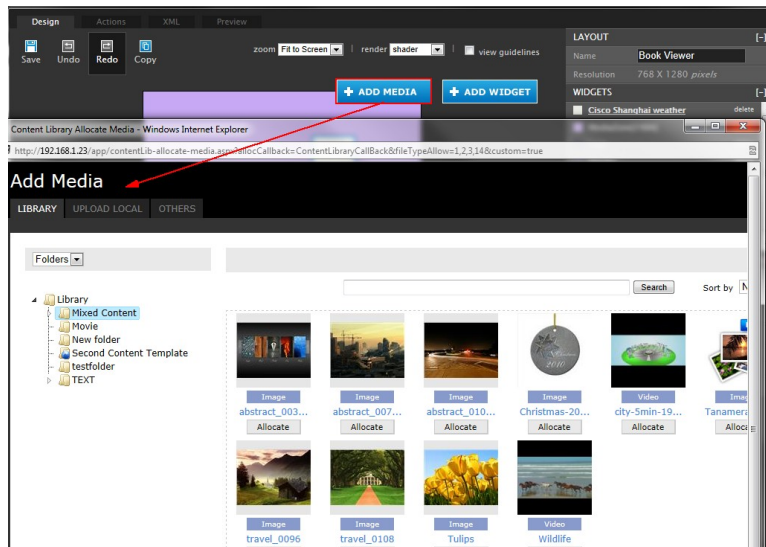
The Visual Editor in AppSpace allows the user to modify position and size of widgets/zones in a layout. Similar to Microsoft PowerPoint the Visual Editor provides designers with an intuitive drag & drop interface with preview capability.



Visual Editor

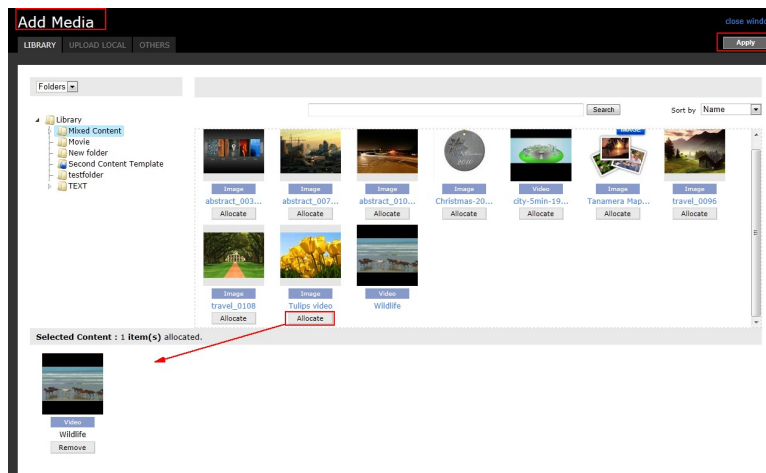
ADD MEDIA TO A LAYOUT

Content can be directly added to a layout by clicking the “Add Media” button. This approach automatically adds a Media Zone widget with the chosen content allocated.



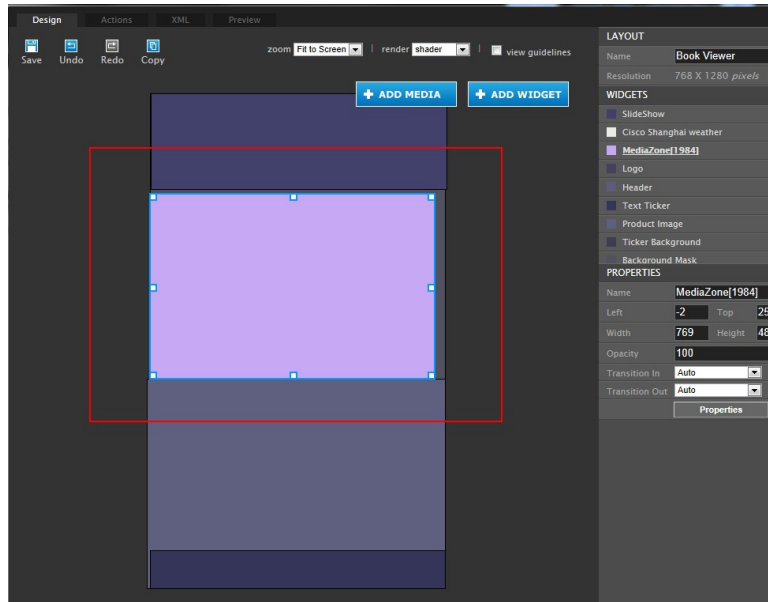
Adding Media to a Layout

Users can select media from their Library, local drive (via upload) or special types (such as external content or web pages). To allocate to the layout click the Allocate button. If multiple media files are added the media will be placed in a playlist that can be edited later via the widget editor dialog.



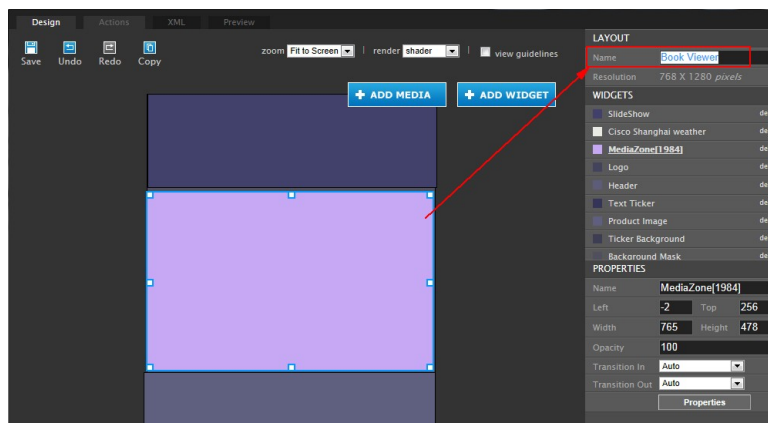
Selecting Media to Add

Existing's widgets on a layout can be resized and positioned by clicking on the widget and dragging one of the anchor points.



Positioning Widgets

You can rename your layout by editing the text in the “Name” text box on the top right properties column.



Rename Layout

ADDING WIDGETS

Widgets are the building blocks of applications that describe data and visual elements. Almost all applications, both passive and interactive, can be created with a key selection of widgets. The most commonly used widget is the Media Zone widget. It is used for backgrounds, interface elements and content playlist zones. See [Media Zone Widget](#) section for more information.

The table below lists all the standard widgets that are available in AppSpace.



Media Zone

Build the visual foundation of any application with media content. From interface elements to video playlists, the media widget is highly flexible and can be layered to form rich media interfaces.



Media Container

Create and manage multi-level menus containing media content and data for interactive apps. Link menu items to custom layouts and functions or sync with external data sources for automated updates.



Clock

Display the current date and time with a wide range of formatting options. Display single or multiple clocks with different time zone offsets in an application.



Text

Display dynamic text with a wide variety of formatting options including font styles, color, position and rotation. Scrolling text tickers are also fully supported.



Table Listing

Create table listings to display any type of tabular information such as event timetables, currency exchange rates or stock indices. Bind to external data sources for automated updates.



Flash Container

Embed Flash SWF files with extended scripting abilities. Create custom functions by passing variables between the Flash Container and the application for custom interaction and data communication.



All Weather Widgets

Display live weather information for any location. Find locations by city, state, country or ZIP code. Different formatting options allow for the display of single or multiple day forecasts.



Event Calendar

Display scheduled information by hour, day, week or month with recurrence options. External information can be imported from third-party services such as Microsoft Exchange.



Ticker

Create scrolling or fading tickers with text or media elements. Formatting options such as ticker direction and spacing can be customized.



RSS Viewer

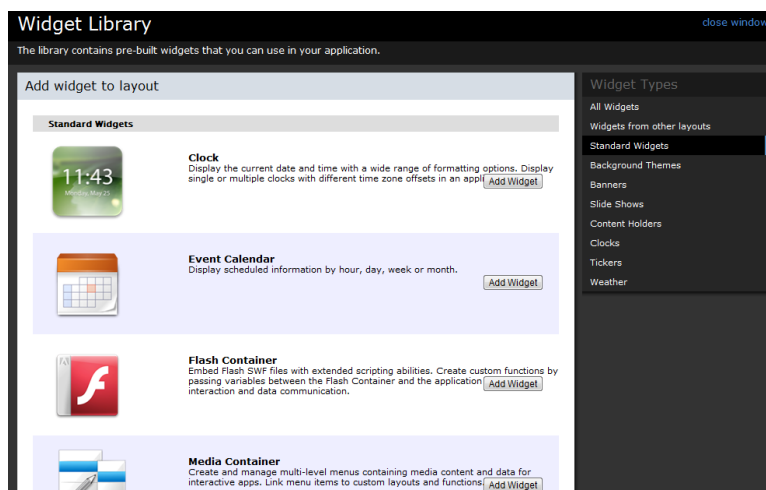
Display live information from public or custom RSS feeds with extensive formatting options. All RSS components such as headlines, media and body content can be displayed in various layouts.



RSS Ticker

Create scrolling or fading tickers with RSS feeds. Formatting options such as ticker direction and spacing can be customized.

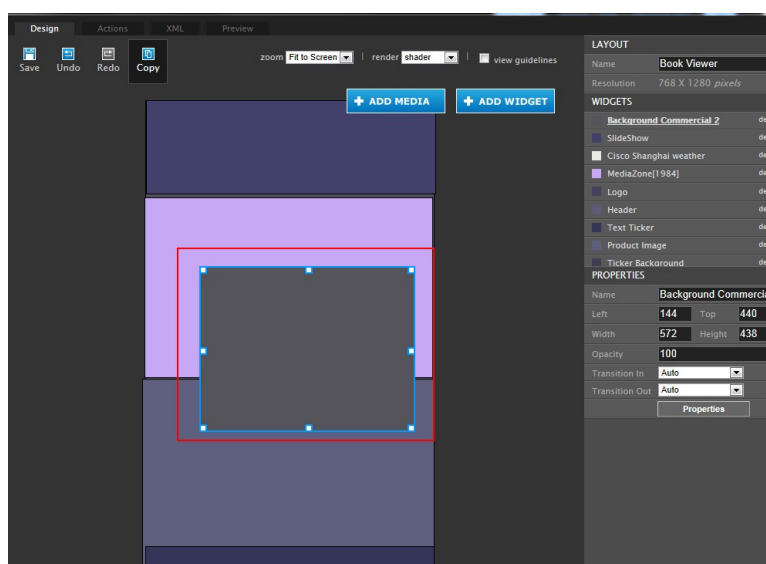
To add a Widget click the "Add Widget" button in the Visual Editor and select a widget from the library.



Widget Library

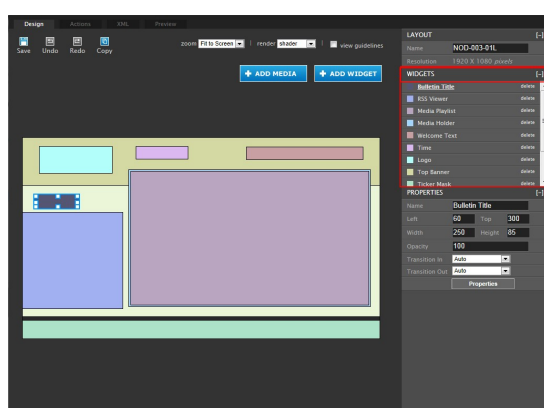
If you wish to add a widget from a different layout, click the “Widgets from other layouts” link. This is typically done if you require the same widget to be displayed on multiple layouts (e.g. backgrounds, logos, banners, tickers, etc.).

Once added, the widget will be displayed as a colored box in the Layout preview. Use the Visual Editor to position and re-size your widgets on the layout.



Widget Placement

The layering order of Widgets can be changed by dragging the widget name up or down in the “Widgets” list in the right panel. Widgets at the top of the list will visually overlap widgets lower down on the list.

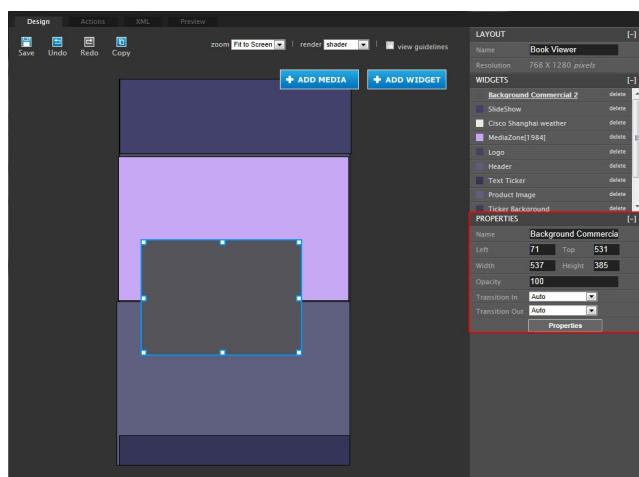


Widget Layering

EDITING WIDGETS

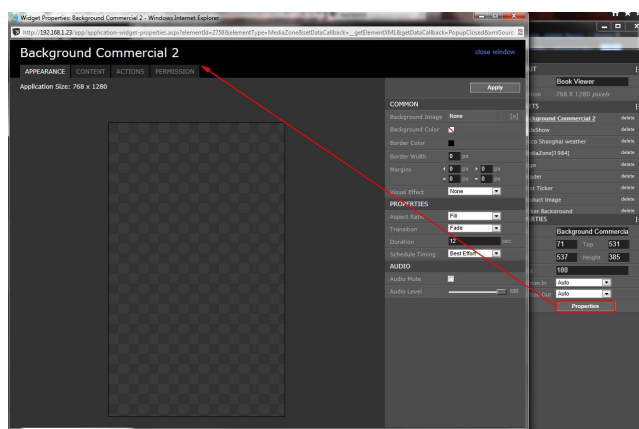
Widgets are configured with default properties that determine the appearance and behavior of content when displayed or interacted with. Users can modify widget properties by either double clicking the widget in the Visual Editor or application edit tab.

In the Visual Editor the user can set common properties such as position, size, name or opacity using the properties section in the right column.



Visual Editor – Widget properties

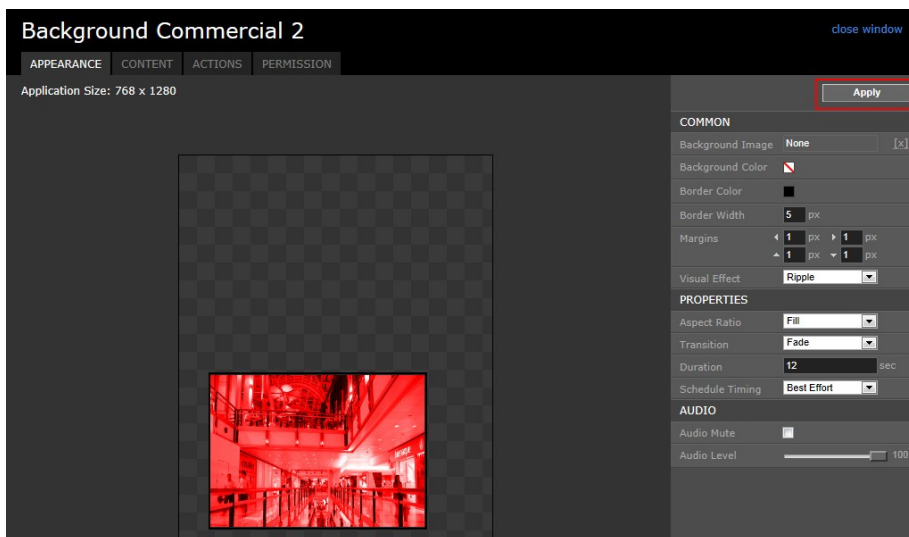
To edit properties specific to the widget type click the “properties” button. This will open a Widget properties dialog.



Visual Editor – Properties Button

Depending on the type of widget the following tabs are available:

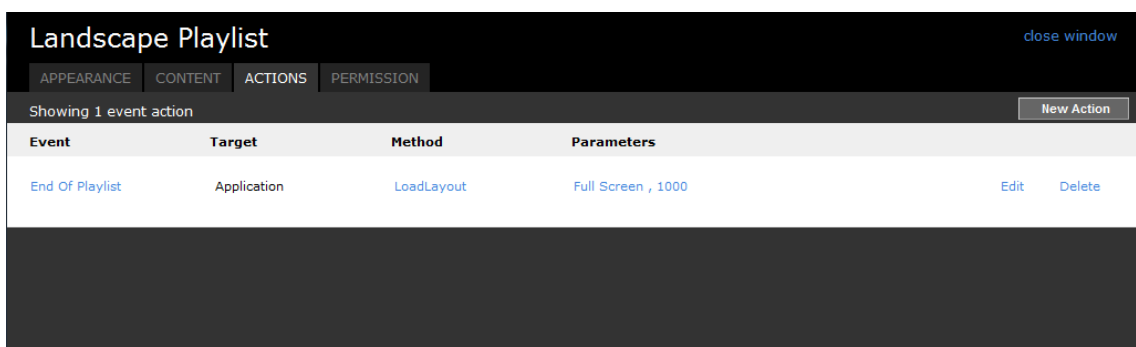
- Appearance – Describes the common and widget specific properties that affect its appearance
- Content – If the widget displays content the “Content” tab allows users to manage the content
- Actions – Allows users to create basic and advanced scripting actions
- Permissions – Allows administrators to set per user access permissions for the widget. See [Permissions](#) section



Widget Appearance tab

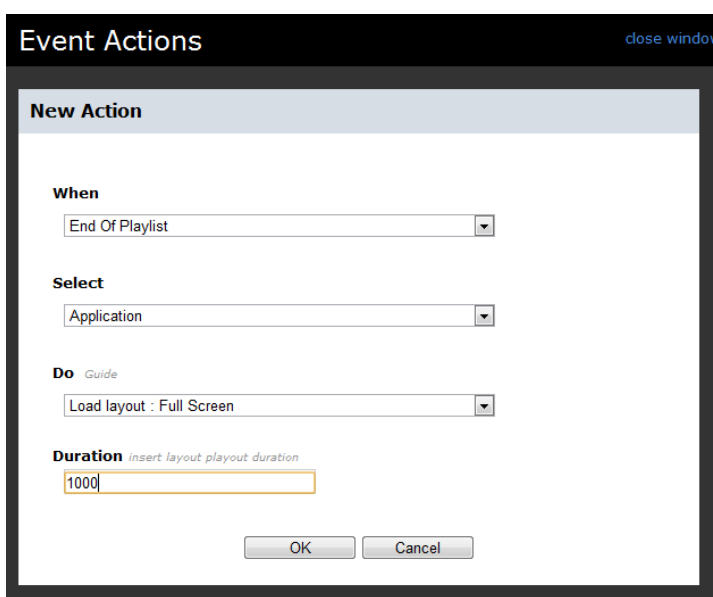
WIDGET ACTIONS

Widget actions provide designers with a scripting interface to create advanced passive and interactive application. Widget actions are triggered when an event is fired from the application, layout or widget. Depending on the widget, the type of events and actions supported will vary.



Widget Actions

To create a new Action, click the "New Action" button.



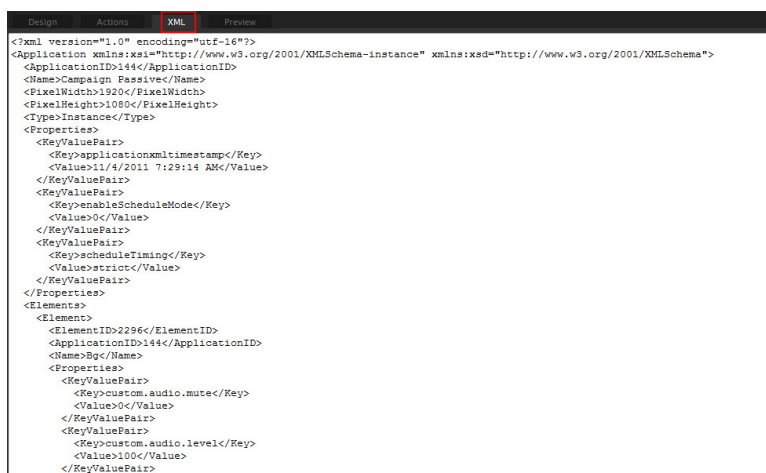
Adding a New Action

When creating a new action you must complete the following information.

- When - The event that triggers your action to execute
- Select - The object that the action is to be performed on. This can either be the System, Application or a Widget
- Do - The action to perform when the event is triggered. Depending on what object is selected the list of actions will vary
- A list of additional parameters which depends on the action selected

EDITING APPLICATION XML

Applications in AppSpace are defined in XML. XML, which stands for “Extensible Markup Language”, is an open standard language. Advanced users can display and modify the Application XML directly by clicking the XML tab. Please note that editing an Application XML directly can potentially corrupt your application and so is only recommended for advanced users.

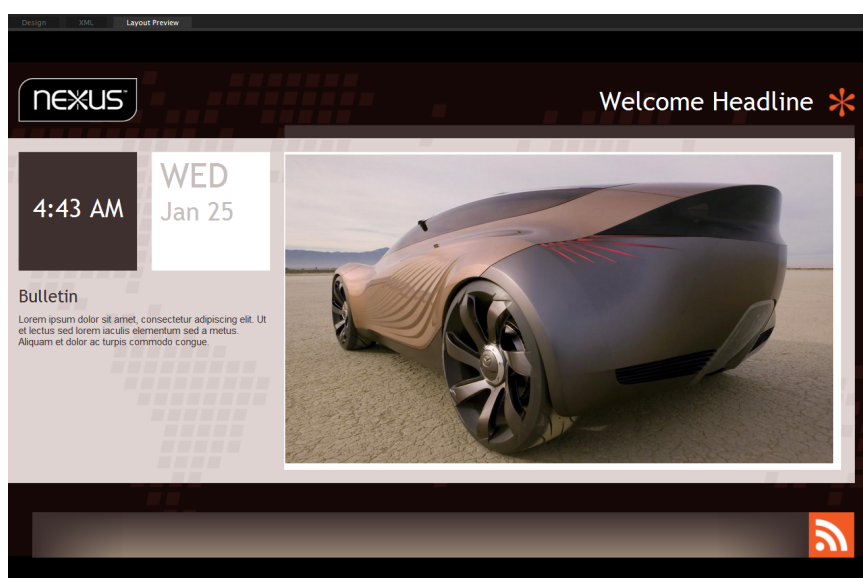


```
<?xml version="1.0" encoding="utf-16"?>
<Application xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <ApplicationID>144</ApplicationID>
  <Name>Campaign Passive</Name>
  <PixelWidth>1920</PixelWidth>
  <PixelHeight>1080</PixelHeight>
  <Type>Instance</Type>
  <Properties>
    <KeyValuePair>
      <Key>applicationxmltimestamp</Key>
      <Value>11/4/2011 7:29:14 AM</Value>
    </KeyValuePair>
    <KeyValuePair>
      <Key>enableScheduleMode</Key>
      <Value>0</Value>
    </KeyValuePair>
    <KeyValuePair>
      <Key>scheduleTiming</Key>
      <Value>strict</Value>
    </KeyValuePair>
  </Properties>
  <Elements>
    <Element>
      <ElementID>2296</ElementID>
      <ApplicationID>144</ApplicationID>
      <Name>Bg</Name>
      <Properties>
        <KeyValuePair>
          <Key>custom.audio.mute</Key>
          <Value>0</Value>
        </KeyValuePair>
        <KeyValuePair>
          <Key>custom.audio.level</Key>
          <Value>100</Value>
        </KeyValuePair>
      </Properties>
    </Element>
  </Elements>
</Application>
```

Application XML Editing

PREVIEWING A LAYOUT

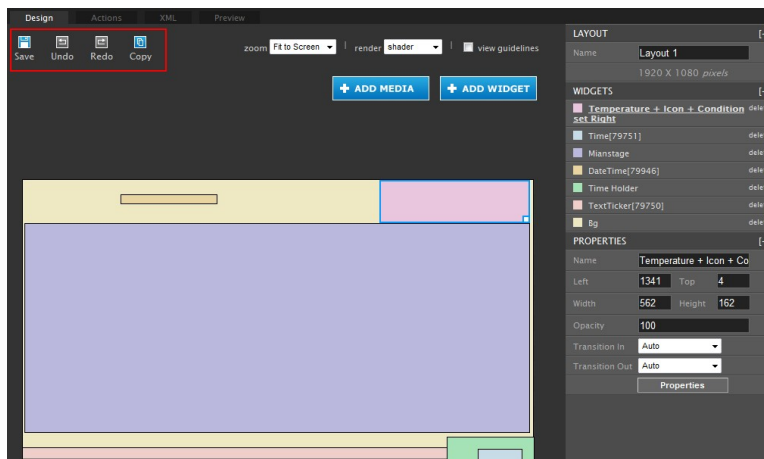
Designers can preview a layout while editing by clicking the “Layout Preview” tab.



Layout Preview

SAVING LAYOUT CHANGES

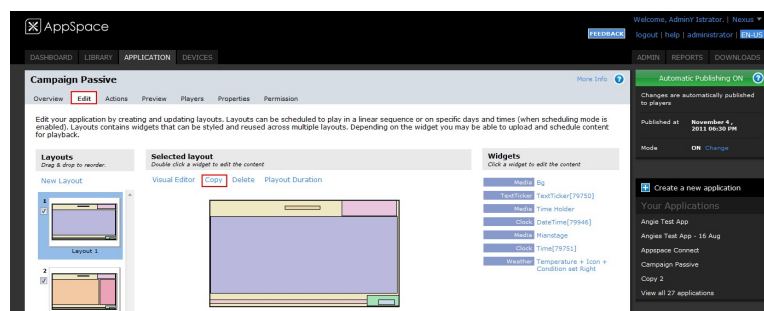
To save layout and widget changes click on the “Save” button under the “Design” tab.



Save Layout

Copying an Existing Layout

To copy an existing layout, select the layout and then click “Copy”.



Copying Layout

When copying a layout users can choose from one of the copy operations.

Copy Existing Layout

Name the new layout ("Fullscreen Ads" or "RSS Ticker Screen", etc)

Select a copy option from the following:

- ☒ **New Layout (Reuse Widgets)**
This creates a new layout that reuses all the widgets from the source layout. Changes made to widgets on this layout will be reflected on the source layout.
- ☐ **New Layout (Copy Widgets)**
This creates a new layout that copies all the widgets used in the source layout. Changes made to widgets on this layout does not affect the source layouts.

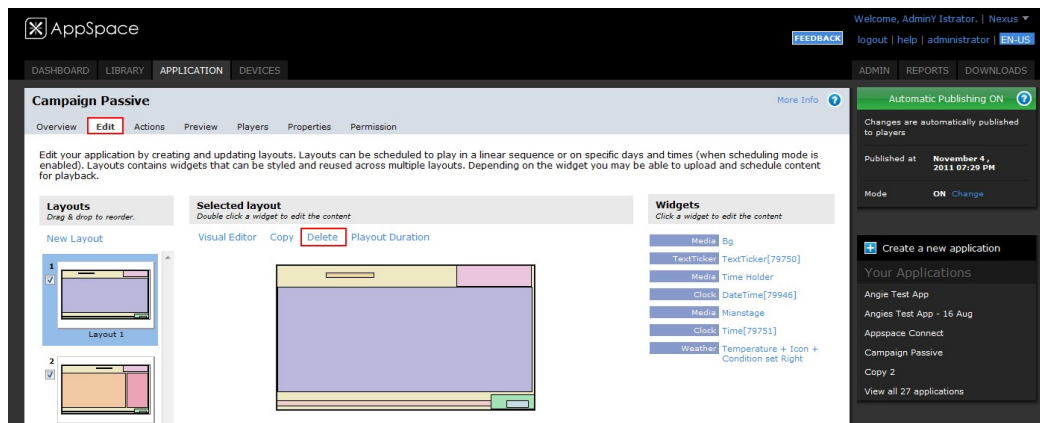
Copy Layout Options

If you select the option “New Layout (Reuse Widgets)”, the system creates a new layout that reuses all the widgets from the source layout. Changes made to widget properties on this layout will be reflected on the source layout.

If you select the option “New Layout (Copy Widgets)”, the system creates a new layout that copies all the widgets used in the source layout. Changes made to widgets on this layout do not affect the source layouts

Deleting a Layout

To delete a layout select the layout from the left panel and click the “Delete” link.

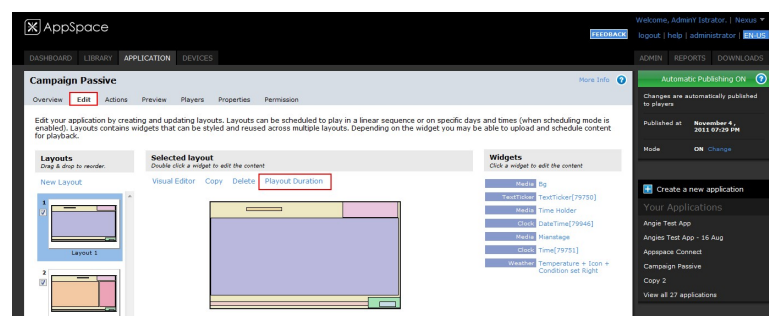


Delete Layout

Please note that deleting a layout will delete any Widgets that are not referenced in other layouts.

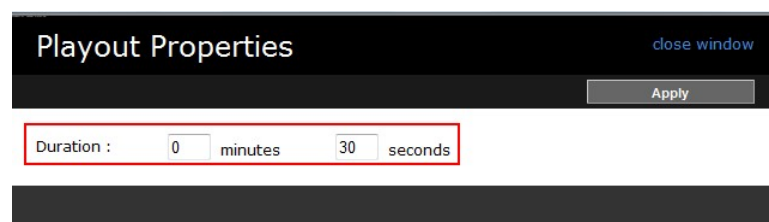
Set Layout Duration

When application scheduling is not enabled the user can adjust the playout duration of a layout by clicking the “Playout Duration” link on the selected layout.



Changing Playout Duration

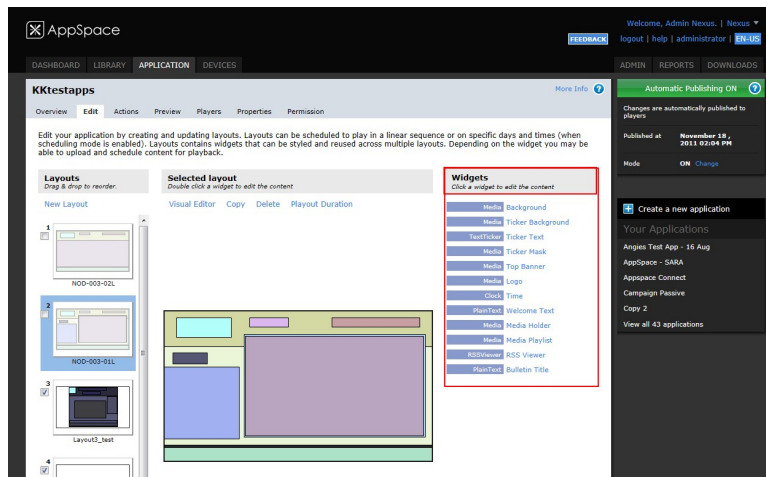
The playout duration can be set in minutes and seconds. Advanced user can leverage scripting to change layouts when specific events occur such as “End of Playlist” or “On click”.



Editing Playout Properties

Layout Widgets.

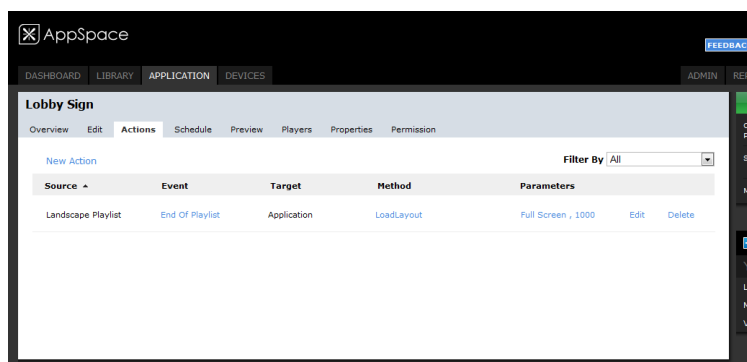
The list of widgets in the layout is displayed in the right panel. To edit the widget properties or content click on the widget name. See the [Editing Widget](#) section for more information.



Layout Widgets

ACTIONS LISTING

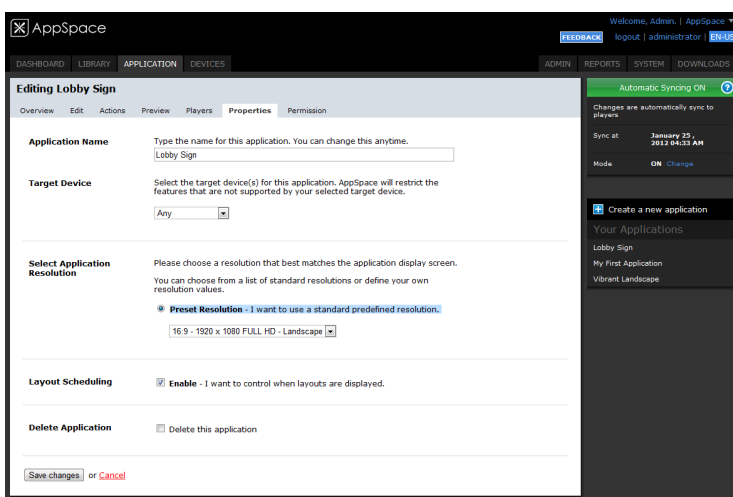
Widget actions provide designers with a scripting interface to create advanced passive and interactive application. Widget actions are triggered when an event is fired from the application, layout or widget. Depending on the widget the type of events and application vary. See the [Widget Actions](#) section for more details. The Action listing in the application section provides a list of all actions for all widgets.



Application Actions

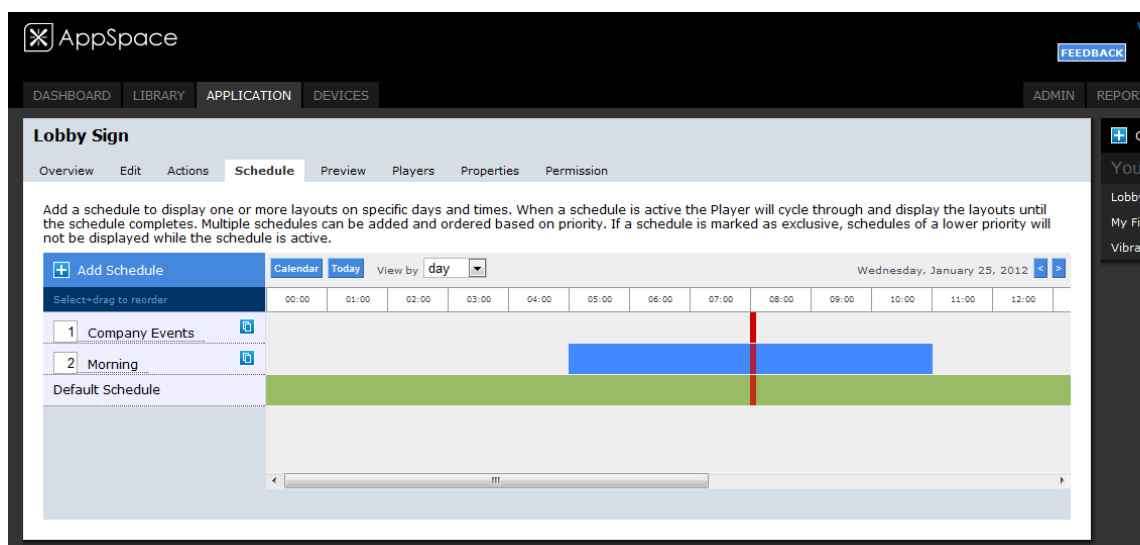
SCHEDULING LAYOUTS

By default application layout scheduling is disabled for ease of use. Advanced users who wish to schedule the playout of layouts based on date and time may enable scheduling by going to the "Properties" tab on an application.



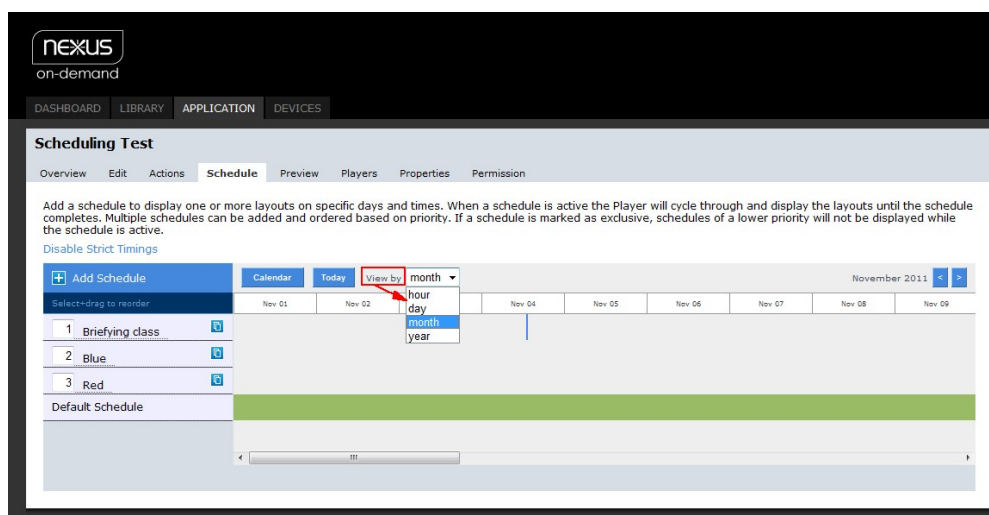
Application Properties

Once scheduling is enabled the “Schedule” tab will be visible in the Application section. Layout schedules are playlists that contain one or more Layouts that will be displayed at a specific date and time. All applications will contain one schedule called the “default schedule” which is active always and cannot be deleted. This schedule is provided so that administrators can allocate fallback content when there are no active schedules.



Schedule Calendar

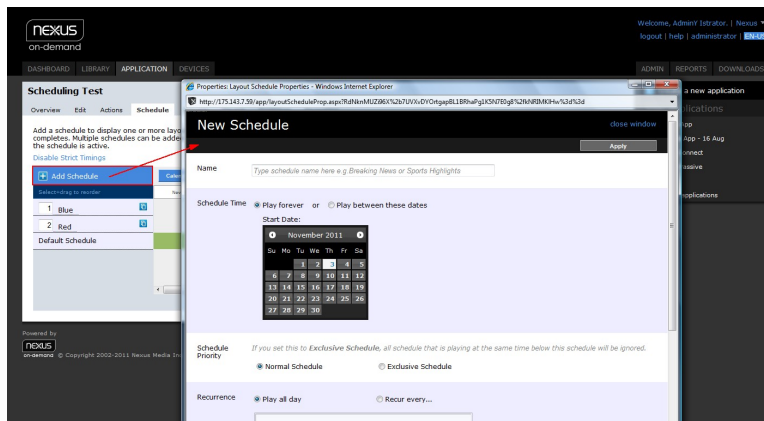
The schedules are displayed in ascending order of priority. Depending on the type of schedule the calendar view will show the schedule as green (default schedule), blue (normal schedule) or red (exclusive schedule). To reorder simply drag the schedule name up or down the list. The calendar view can be changed to display by hour, day, month or year.



Calendar View Range

Adding a Schedule

To add a new schedule, click the “Add Schedule” link.



Adding a Schedule

The schedule properties dialog allows the user to configure the playback settings of the schedule. The following properties are configurable:

- **Schedule Time:** If “Play forever” is selected the schedule will be active from the start date. If “Play between these dates” is selected the user will need to provide a start and end date
- **Schedule Priority:** If “Normal Schedule” is selected the application will playout the schedule when active and any lower priority schedules that are active. If “Exclusive Schedule” is selected the application will playout the schedule when active and block the playout of all lower priority schedules at playback
- **Recurrence:** If “Play all day” is selected the schedule will be active throughout the day. If “recur every...” is selected the user can select specific days and times that the schedule is active

New Schedule

Name:

Schedule Time: ☐ Play forever or ☒ Play between these dates

Start Date: End Date:

Schedule Priority: ☒ Normal Schedule ☐ Exclusive Schedule

If you set this to Exclusive Schedule, all schedule that is playing at the same time below this schedule will be ignored.

Recurrence: ☐ Play all day ☒ Recur every...

Every Mon, Wed between 13:00 to 16:00

☐ Everyday or ☒ Every ☒ Mon ☐ Tue ☒ Wed ☐ Thu ☐ Fri ☐ Sat ☐ Sun

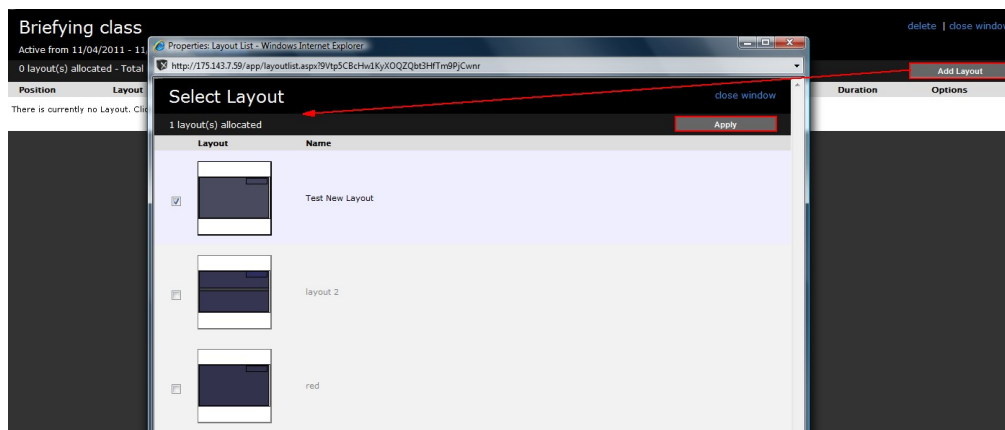
☐ Play all day or ☒ Play between these time

Start: End:

Configuring a New Schedule

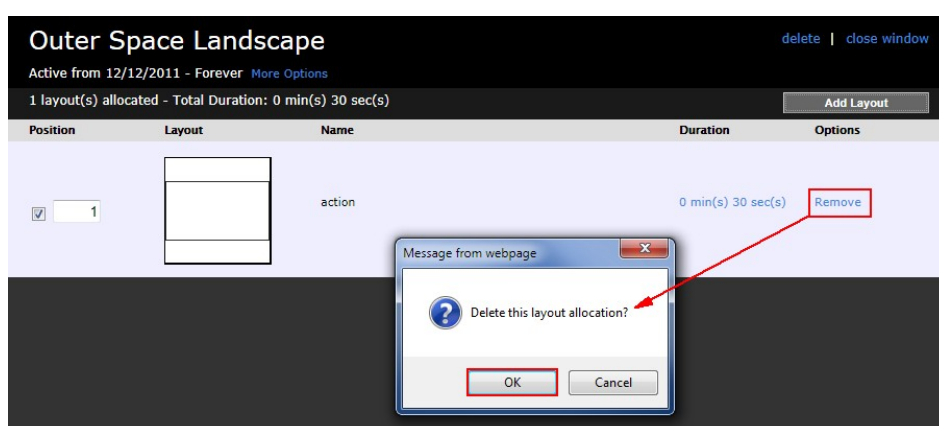
Adding a Layout to a Schedule

To add a layout for playback in the schedule click the “Add Layout” button in the Schedule dialog. Check the layouts that you wish to add and click “Apply”



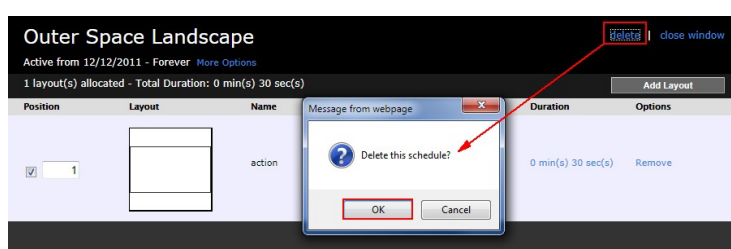
Add Layout to Schedule

To remove a layout click the “Remove” link which is aligned to the right of the layout name. To set the layout playback duration, click the duration text to open up the duration dialog.



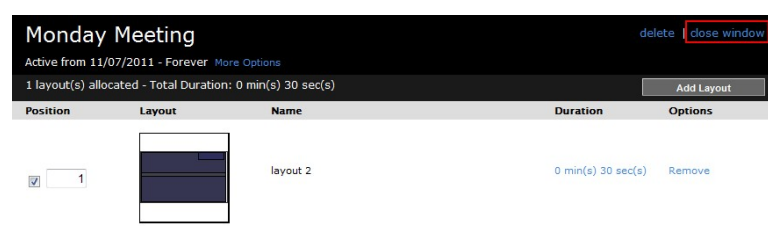
Remove Layout from Schedule

To delete a schedule click the “delete” link at the top right of the window.



Delete a Schedule

To close a schedule click the “Close Window” link at the top right of the window.



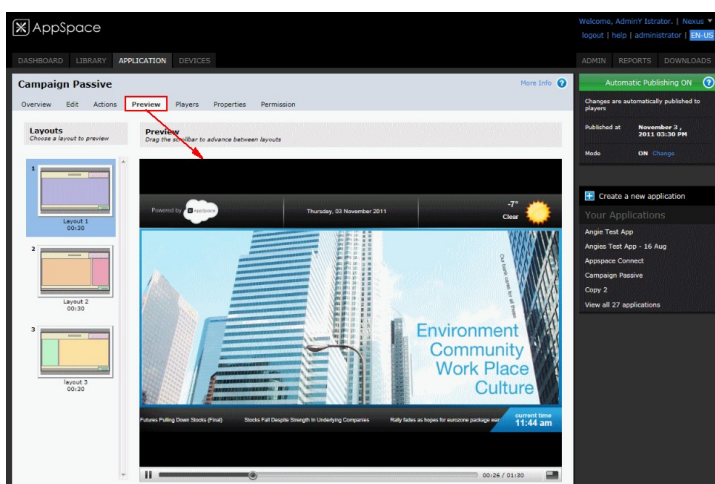
Close Schedule

PREVIEWING AN APPLICATION

The "Preview" application tab allows users to preview the application in their browser. The preview is a close rendition of the application running on the targeted player device.

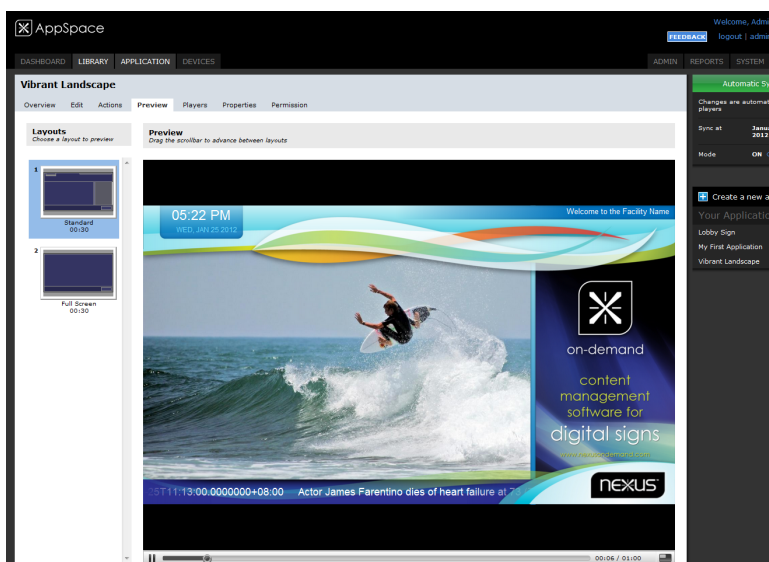
The following limitations apply:

- Video will be displayed as static thumbnails
- Flash content may not scale the same as the target player device
- Transitions are disabled
- Content is streamed and hence will take longer to load



Application Preview

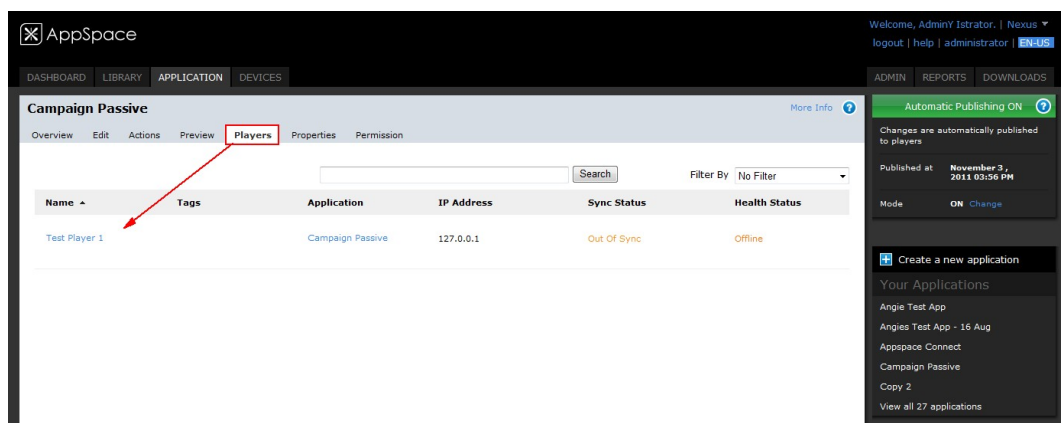
Users can preview a specific layout of an application by clicking the layout thumbnail in the Layouts panel. Alternatively by dragging the timeline bar you can cycle through the layouts based on playout order and duration.



Preview Selected Layout

APPLICATION PLAYERS

The Players tab within an application lists the Players that are configured to sync and display the application. To register / manage players see the [Players](#) section.

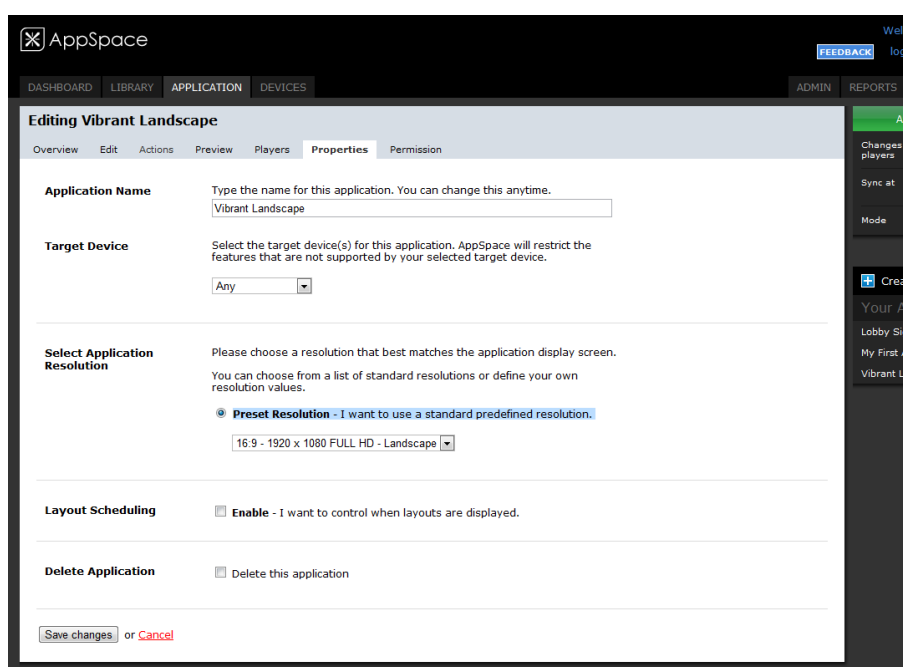


Application Players

APPLICATION PROPERTIES

General application properties can be configured in the application properties tab. Properties include:

- **Target Device:** By setting a target device (e.g. DMP 4310, DMP 4400, Any) the system will filter out content and widgets that are not compatible with the selected device
- **Application resolution:** Designers can set the target resolution for the application. This will automatically resize the layouts and widget placements. If the player device runs at a different resolution at playback the content is automatically scaled
- **Layout Scheduling:** When checked, the scheduling tab will be visible, allowing users to schedule the playback of application layouts



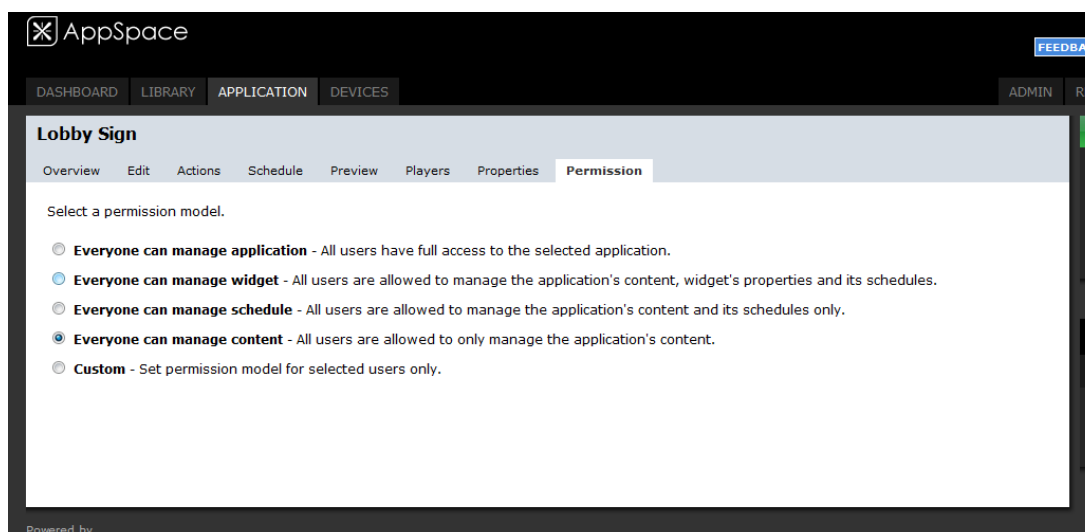
Application Properties

To accept the changes that have been made click on the "Save Changes" button or click on the "Cancel" button to exit.

APPLICATION PERMISSIONS

AppSpace allows administrators to restrict access to application on a per user basis. The permissions tab lists the five permission models that can be applied to the application.

- Everyone can manage application - All standard users have full access to the selected application
- Everyone can manage widget - All standard users are allowed to manage the application's content, widget's properties and its schedules
- Everyone can manage schedules - All standard users are allowed to manage the application's content and its schedules
- Everyone can manage content - All standard users are allowed to only manage the application's content
- Custom: Administrators can set on a per-user / widget basis the access role



Application Permissions

If "Custom" is selected, administrators can define on a per user basis their access to the application or widgets.

☒ **Custom** - Set permission model for selected users only.

Select a permission type for the user.

Restricted Access - User will not have access to this application.

Manage Application - User will have full access to the selected applications.

Manage Schedule - User will have access to the application's content and its schedules.

Manage Content - User will have access to the application's content only.

View by: Application

User	Email	Permission
Admin	networkadmin@nexusmediainc.com	Manage Application
Clark Hatch	clarkhatch@nod.com	☒ Restricted Access ☐ Manage Content ☐ Manage Schedule ☐ Manage Application
Jane Doe	janedoe@nod.com	☒ Restricted Access ☐ Manage Content ☐ Manage Schedule ☐ Manage Application
John Smith	johnsmith@nod.com	☐ Restricted Access ☐ Manage Content ☒ Manage Schedule ☐ Manage Application
Steve Applebee	steveapplebee@nod.com	☐ Restricted Access ☒ Manage Content ☐ Manage Schedule ☐ Manage Application

Custom Application Permissions

In the Application view mode administrators can change a user's permission for all the widgets in the application by selecting the permission type from the list adjacent to the user name.

View by: Application

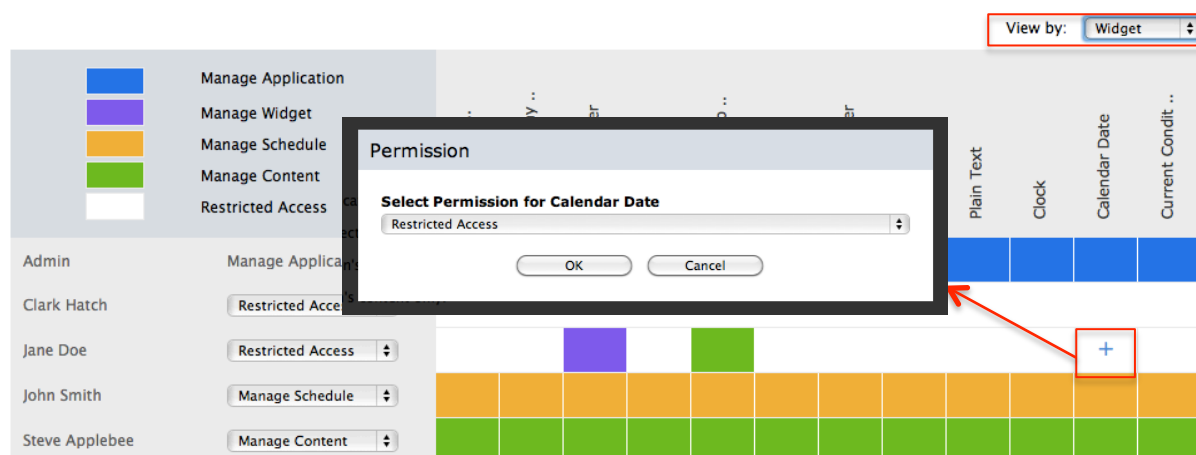
User	Email	Permission
Admin	networkadmin@nexusmediainc.com	Manage Application
Clark Hatch	clarkhatch@nod.com	☒ Restricted Access ☐ Manage Content ☐ Manage Schedule ☐ Manage Application
Jane Doe	janedoe@nod.com	☒ Restricted Access ☐ Manage Content ☐ Manage Schedule ☐ Manage Application
John Smith	johnsmith@nod.com	☐ Restricted Access ☐ Manage Content ☒ Manage Schedule ☐ Manage Application
Steve Applebee	steveapplebee@nod.com	☐ Restricted Access ☒ Manage Content ☐ Manage Schedule ☐ Manage Application

Application Permission - Application View

Account administrators by default can access all application settings and so cannot have their permissions manually assigned.

In the Widget view mode administrators can change a user's permission for specific widgets in the application. The Widget view gives a quick overview of user permissions for each widget in the application.

To change the user permission for a specific widget, you can click on the cell that corresponds to the user and the widget. A dialog box will pop up prompting you to select the permission type. Click OK when you are finished to confirm your selection.



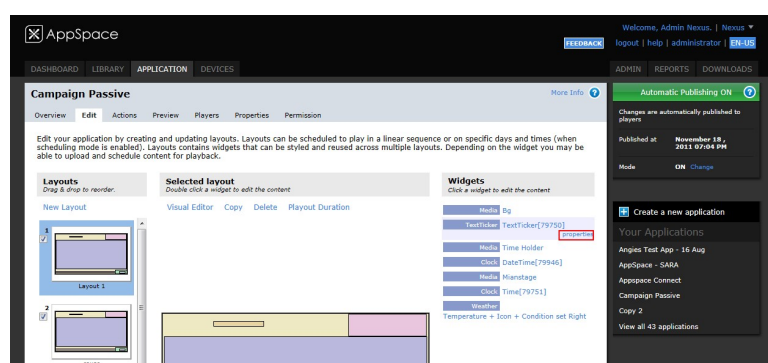
Application Permissions - Widget View

MEDIA ZONE WIDGET

The Media Zone widget is the most common widget used to build an application. From interface elements to content playlists, the media widget is highly flexible and can be layered to form rich media interfaces. Typical uses of the Media Zone widget include:

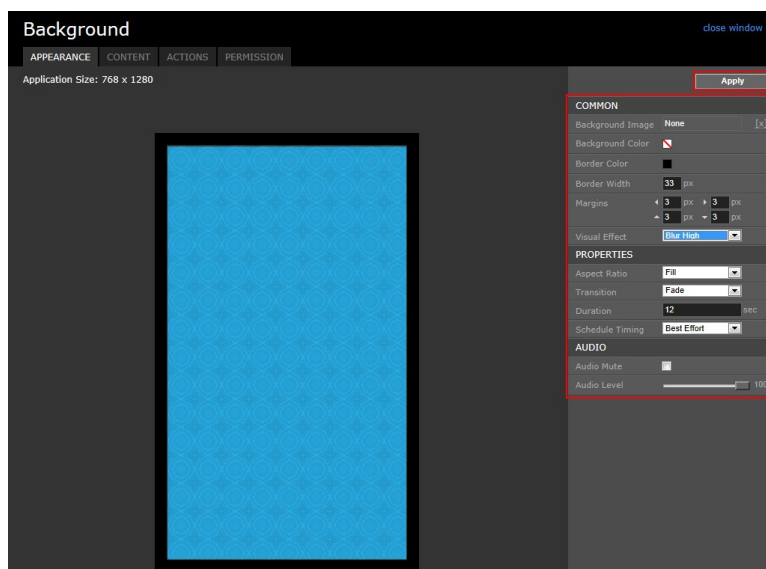
- Backgrounds / Screen savers content loops
- Interface elements such as logos, banners, masks
- Content stages for video, flash or image playlists

To edit an existing Media Zone widget go to the Application section's Edit tab. Select the layout the widget is on and click the widget name from the list on the widgets panel.



Editing a Media Zone Widget

Once selected the widget editor dialog will be displayed allowing the user to manage the appearance, content, actions and permissions for the widget.

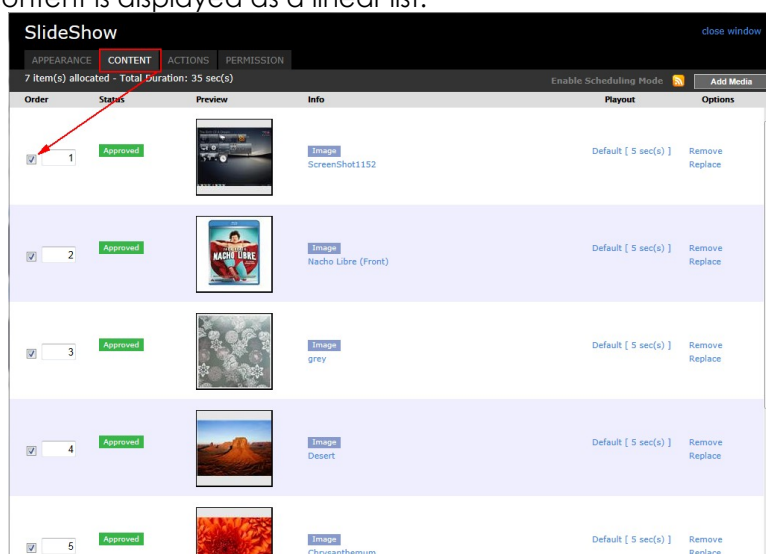


Media Zone Widget Properties Dialog

The appearance tab allows users to adjust common playback properties such as:

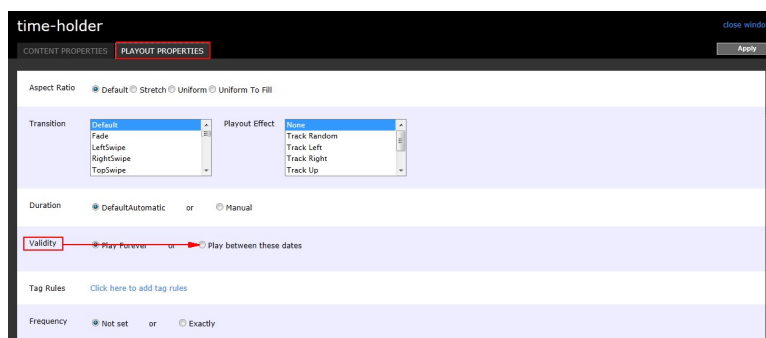
- Aspect Ratio: Determines how the content should be stretched when playing back in a widget at a different resolution to the source content
- Transition: The default transition to use if not specified at a content playout level
- Duration: The default duration for content playback if not specified at a content playout level
- Audio Mute: If checked audio from video content will be muted
- Audio Level: The default level for video audio at playback

The “Content” tab displays the content files that will be played back in the widget. When scheduling is not enabled the content is displayed as a linear list.



Content Playlist When Scheduling Disabled

The order of content in the list determines the playback order. To edit the playback properties of a piece of content click the content name or duration and click “Playout Properties tab” in the content properties dialog.



Content Playout Properties

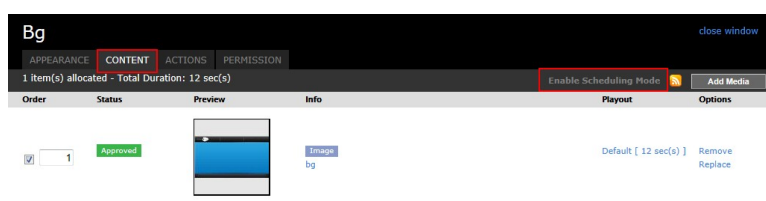
The following playout properties are available:

- Aspect Ratio: Determines how the content should be stretched when playing back in a widget with a different resolution to the source content
- Transition: The transition to use when introducing the content
- Duration: The duration for content playback if default is not specified. For video content "default" equals the natural duration of the video file
- Validity: When "Play Forever" is selected the content is always valid. If "Play between these dates" is selected the user can determine the start and end date / time for content playback
- Automatically delete after expiration date: If selected the system will automatically remove the content file from the playlist after the end date

To save changes click on the "Apply" button, or click on the "Close Window" to exit.

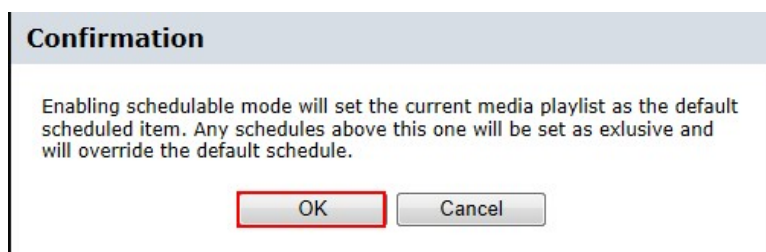
ENABLING SCHEDULING

By default playlist scheduling is disabled for ease of use. Advanced users who wish to schedule the playout of media playlists based on date and time may enable scheduling by clicking the "Enable Scheduling Mode" link.



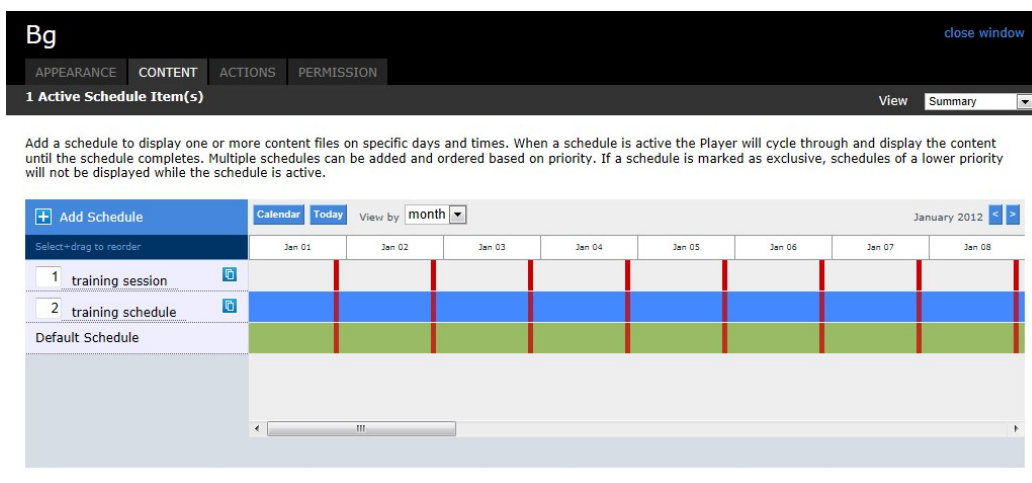
Enable Scheduling Mode

When switching between scheduling enabled / disabled, the system will warn the user about any changes to the existing content playlist.



Scheduling Mode Confirmation

Once scheduling is enabled the "Schedule" View dropdown will be visible in the top right section of the dialog. Playlist schedules are playlists that contain one or more content files that will be displayed at a specific date and time. All Media Zone widgets will contain one schedule called the "default schedule" which is active always and cannot be deleted. This schedule is provided so that administrators can allocate fallback content when there are no active schedules.

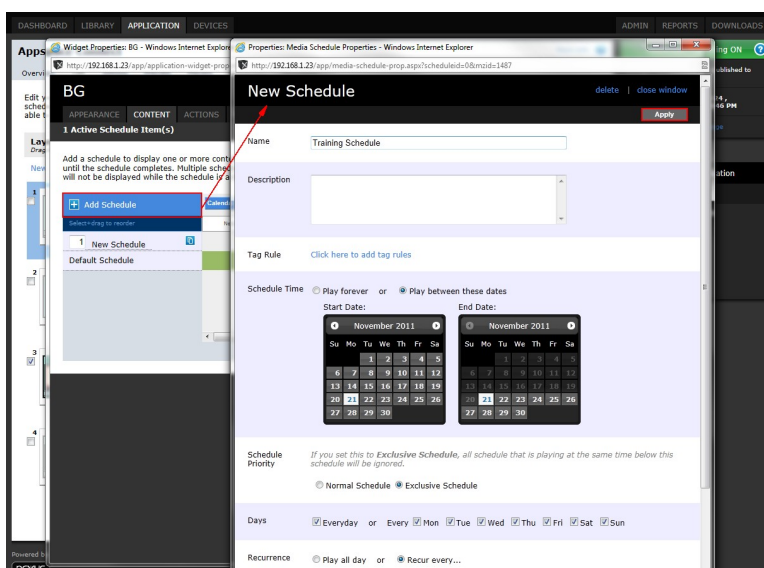


Scheduling Calendar View

The schedules are displayed in ascending order of priority. Depending on the type of schedule the calendar view will show the schedule as green (default schedule), blue (normal schedule) or red (exclusive schedule). To reorder simply drag the schedule name up or down the list. The calendar view can be changed to display by hour, day, month or year.

ADDING A NEW SCHEDULE

To add a new schedule, click on the "Add Schedule" link.



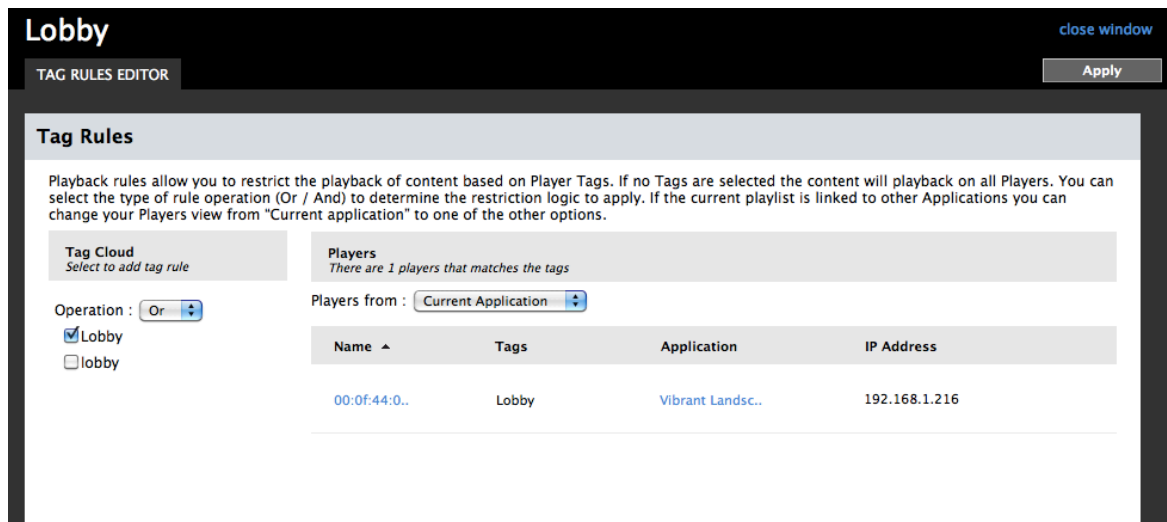
Add Schedule

The schedule properties dialog allows the user to configure the playback settings of the schedule. The following properties are configurable:

- **Schedule Time:** If "Play forever" is selected the schedule will be active from the start date. If "Play between these dates" is selected the user will need to provide a start and end date
- **Schedule Priority:** If "Normal Schedule" is selected the application will playout the schedule when active and any lower priority schedules that are active. If "Exclusive Schedule" is selected the application will playout the schedule when active and block the playout of all lower priority schedules at playback
- **Days:** Select the days the schedule will be active
- **Recurrence:** If "Play all day" is selected the schedule will be active throughout the day. If "recur every..." is selected the user can select specific times that the schedule is active
- **Tag Rules:** To restrict playback of the schedule to specific players, users can use the "Tag Rules" option. By clicking on the "Click here to add tag rules" link

USING TAG RULES

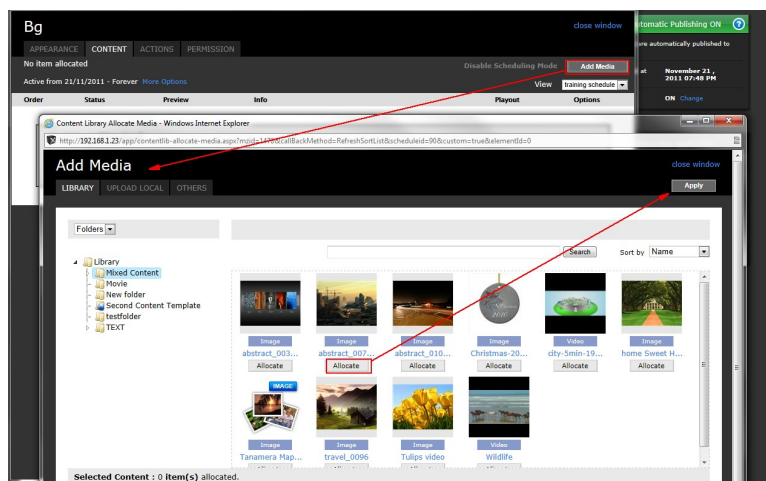
Tag rules allow you to restrict the playback of content based on Player Tags. If no Tags are selected the content will playback on all Players. You can select the type of rule operation (Or / And) to determine the restriction logic to apply. If the current playlist is linked to other Applications you can change your Players view from "Current application" to "All linked Applications". This will extend the list of Players to include those in other applications that have widgets linked to this schedule.



Using Tag Rules

ADDING MEDIA TO A SCHEDULE

When viewing a schedule click "Add Media" to add media to a specific schedule.



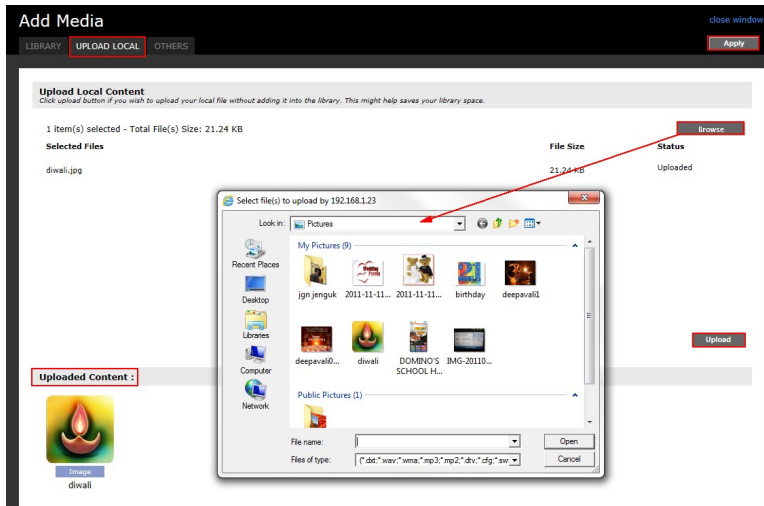
Adding Media to a Schedule

Media can be added from your library or uploaded directly to the playlist. Click Allocate on the content you wish to add and then click "Apply" when done. The allocated media items will appear inside your schedule playlist.



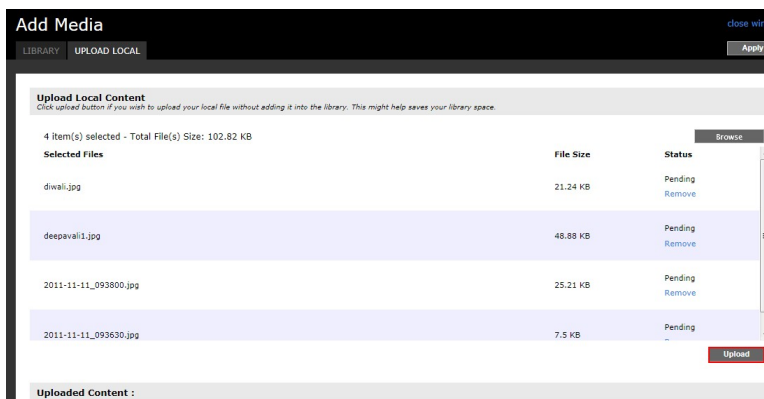
Schedule Playlist

To add media from your local PC, select the "Upload Local" tab, click on the "Browse" button to search for the media items in your PC.



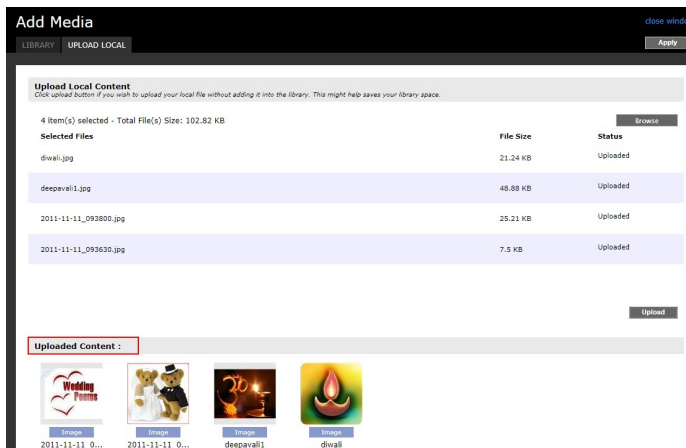
Add Media from Local Computer

You can select single or multiple (press Shift key to select) media files to be uploaded.



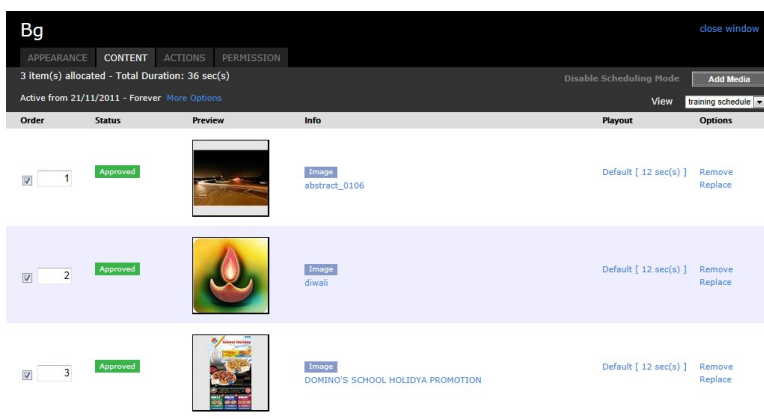
Uploading Local Media

After selecting media file(s) from the local storage, click "Upload" button to start uploading.



Uploaded Media

The uploaded media files will appear under the “Uploaded Content” column, click on the “Apply” button once you are done.



Schedule Playlist

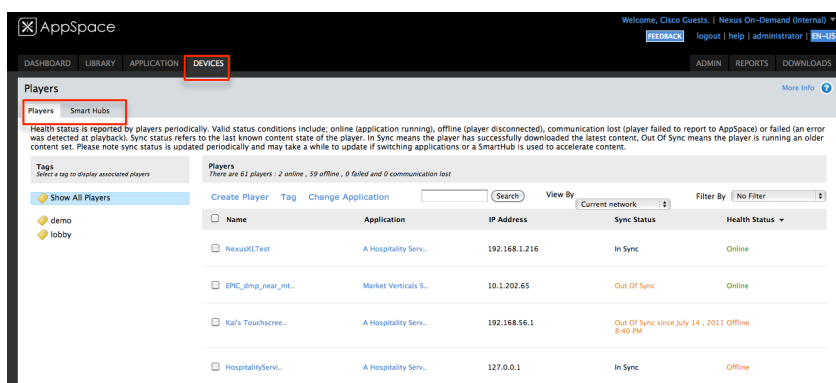
The uploaded media items will appear inside your schedule playlist.

DEVICES

The Devices section allows administrators to manage devices registered with AppSpace. There are two types of devices in AppSpace, Players and SmartHub ASEs (see [Smarthub ASE](#)), which are managed under separate tabs.

MANAGING PLAYERS

Under the “Players” tab the system will list the registered players for the selected network. For each player the name, running application, IP address, sync status and health status will be displayed.



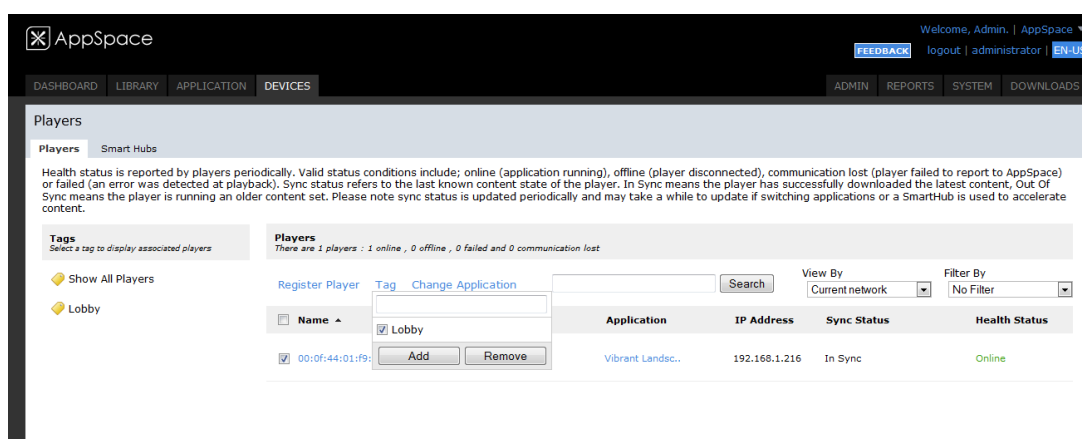
Managing Players

"Sync Status" refers to the last known content state of the player. In Sync means the player has successfully downloaded the latest content; Out Of Sync means the player is running an older content set. The "Sync Status" is updated periodically and may take a while to update if switching applications or a SmartHub ASE is used to accelerate content.

Under the "Health Status" column, you can see the status list, and you can sort ascending/descending order by click on the "Health Status" title. The "Health Status" column is updated periodically. The device's valid status conditions include; online (application running), offline (player disconnected), communication lost (player failed to report to AppSpace) or failed (an error was detected at playback).

TAGGING PLAYERS

Administrators can group players by using the tagging function. Tags can also be used by content managers to restrict the playback of content on a device by Tag Rules (See [Tag Rules](#)).

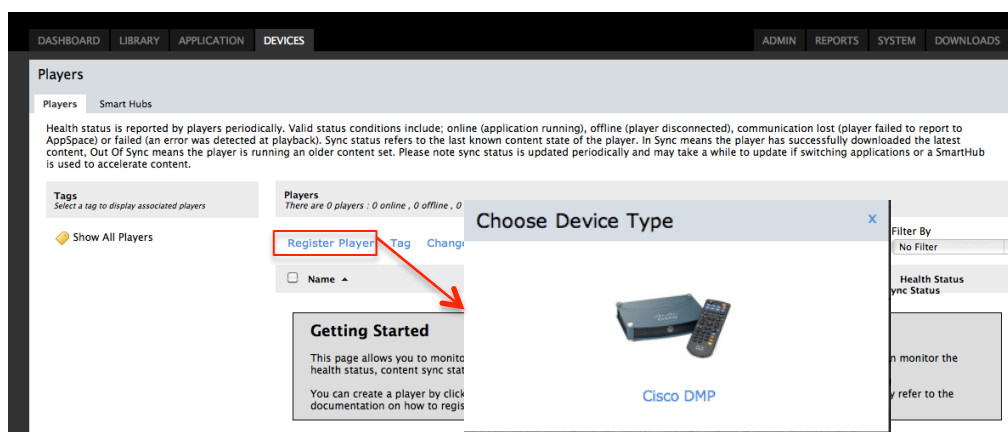


Tagging Players

To tag players, check the checkbox to the left of the player names that you want to group together and click on the "Tag" link at the top of the page. Type in the tag you want to assign to them, separated with a comma if there is more than one tag and click "Add". To remove follow the same steps and click "Remove" instead of "Add" in the tag dialog box.

REGISTERING A NEW PLAYER

To register a player, click on the "Register Player" link in the center panel. A dialog will pop-up prompting the user to choose the device type. Depending on the AppSpace License, users may have one or more device types supported.



Registering Players Dialog

Registering a Cisco DMP

There are three methods available for registering Cisco DMPs:

- **Online Registration** - If the AppSpace server is located on the same network as the Cisco DMPs, users can use the online registration tool to register one or more Cisco DMP devices
- **Registration URL** - The registration URL allows for registration directly from a browser or through the Cisco DMM. Simply copy the URL provided from the DMP Registration page and use either the Cisco DMP management interface or DMM to browse to the URL from the DMP. The DMP will automatically be registered and ready for configuration through AppSpace
- **Cisco DMP Wizard** - The Cisco DMP Wizard is available from the Downloads section and allows administrators to register and configure a DMP from a single and easy to use Windows desktop application

To register a DMP through the AppSpace online registration tool, click on the “Begin Registration” link from the DMP Registration dialog. **Please note that in order for the online registration tool to work, the browser must allow Java Runtime plug-in to run.** Enter the DMP details requested as follows:

- Number of device(s) to register – The tool supports registering one or multiple DMPs simultaneously
- Device IP – The IP address of the DMP or range of IP addresses if registering multiple DMPs
- Request Timeout – The timeout value that will be used by the tool to detect DMP(s)
- Device(s) Credentials – The credentials to login to the DMP
- Content Delivery Method - The method used for the content to sync content with AppSpace. Refer to the Cisco DMP Content Delivery Guide for more information

Click on the “Scan Devices” button after entering all the required information. Depending on the size of the IP range, this process might take up to a few minutes to complete.

Register Player close window

Information

To register a Cisco DMP 4400 or Cisco DMP 4310, you must use the AppSpace online registration tool.

Online Registration

If your computer is currently on the same network as the Cisco DMPs, you can use the online registration tool to register one or more Cisco DMPs. To use the AppSpace online registration tool, you must have the Java runtime installed. To use the AppSpace online registration tool, you must have the Java runtime installed.

Begin registration

Registration URL

The registration URL allows for registration directly from a browser or through the Cisco DMM. The DMP will automatically be registered and ready for configuration through AppSpace.

<http://192.168.1.36/integrationwebserver/APIKEY=OGM4MWZmYjEYzjZC00NDU4>

Cisco DMP Wizard

The Cisco DMP Wizard is available from the Downloads section and allows administrators to register and configure a DMP from a single and easy to use Windows desktop application.

Register Player close window

Online Registration

Online Cisco DMP registration uses your browser to connect to one or more Cisco DMPs to register the device(s) with your AppSpace account. The tool requires that you have the Java runtime installed and your browser allows Java applets to open. Complete the details below and click Scan Devices

Number of Device(s) to register:

Start Device IP: End Device IP:

Request timeout:

Select content delivery method for your DMP 4310 device(s):

You are able to change the content delivery method for each individual devices before the registration process.

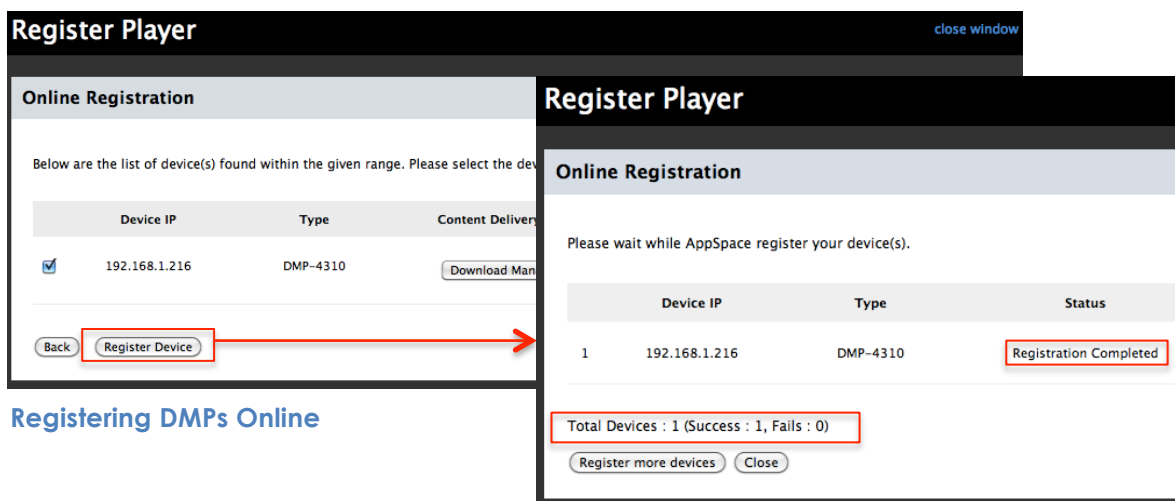
Device(s) Credentials:

Username: Password:

Scan Devices

Registering DMPs Online

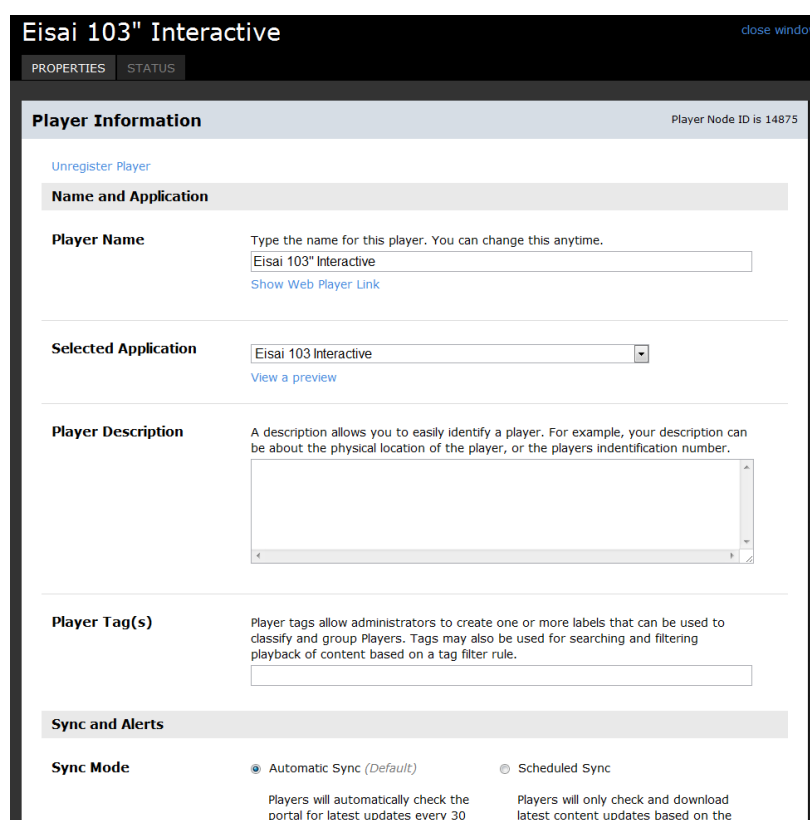
The tool will display the list of DMPs found within the given IP range. Users can check on the checkbox of the DMP they want to register and click “Register Device”. This process will take up to a few minutes depending on the number of DMP being registered. The status column is continuously updated with the current progress of the registration for each DMP. Once registration process is completed, a summary at the bottom of the page displays the number of devices successfully registered and the number of devices that failed to register.



Registering DMPs Online

EDITING A PLAYER

To edit an existing player, click on the name link in the Players listing.



Editing a Player

The following details can be edited.

- Name – Administrator defined name for the player
- Selected Application - Select the application that the Player should sync with and display
- Description - Your description can be about the physical location of the player or the player's identification number
- Player Tag(s) - This will allow administrators to create one or more labels that can be used to classify and group players. Tags may also be used for searching and filtering playback of content based on a tag filter rule
- SmartHub Sync Mode - Automatic Sync – the players will automatically check the portal for latest updates every 30 second and download new content if available. Scheduled Sync – the players will only check and download latest content updates based on the schedule defined

- Software updates - Automatic Updates – the players will automatically download and install the newest version of a player when it is available on the website. Manual Update – only the newest version of the player will have to be manually downloaded and installed
- Player Alerts - Disable - no email will be sent when the player fails or content is out of sync. Enable – an alert email will be sent to the account email when the player has failed, or content is out of sync for more than a day. An alert email will be sent to the account email based on the schedule defined

Player Information - Windows Internet Explorer 10.0.9200

http://192.168.1.23/app/player-info.aspx

Player Tag(s)
Player tags allow administrators to create one or more labels that can be used to classify and group Players. Tags may also be used for searching and filtering playback of content based on a tag filter rule.

Sync and Alerts

Sync Mode
☒ Automatic Sync (Default) ☐ Scheduled Sync
 Players will automatically check the portal for latest updates every 30 seconds and download new content if available.
 Players will only check and download latest content updates based on the schedule defined.

Software Updates
☒ Automatic Updates (Default) ☐ Schedule Update
 Player will automatically download and install newest version of player when it is available on the website.
 Player will download and install newest version of player when available only at the scheduled time

Player Alerts
☒ Enable (Default) ☐ Disable
 An alert email will be sent to the account email when player has failed, or content is out of sync for more than a day.
 No email will be sent when a player fails or content is out of sync.

Player Alerts Schedule
 An alert email will be sent to the account email based on the schedule defined :
 Everyday Between 12:00 AM And Midnight

Save changes **Cancel**

Save Changes to Player

To save changes, click the "Save Changes" button.

CHANGE PLAYER APPLICATION

To display an application on a player it must first be assigned an application to sync. To assign one or more Players to a specific application check the Player's name and click the "Change Application" link

NEXUS on-demand

Welcome, Admin Nexus. | Nexus AppSpace

FEEDBACK | Logout | administrator | EN-US

DASHBOARD | LIBRARY | APPLICATION | **PLAYER** | ADMIN | REPORTS | DOWNLOADS

Your players

Health status is reported by players periodically. Valid status conditions include: online (application running), offline (player disconnected), communication lost (player failed to report to AppSpace) or failed (an error was detected at playback). Sync status refers to the last known content state of the player. In-Sync means the player has successfully downloaded the latest content. Out Of Sync means the player is running an older content set. Please note sync status is updated periodically and may take a while to update if switching applications or a SmartHub is used to accelerate content.

Create Player **Change Application** Search Filter By No Filter

Name	Application	IP Address	Sync Status	Health Status
AppSpace - SARA Player	X-Trial		Out Of Sync	Offline

Player – Change Application

Under the "Reassign new application for your players" screen select the application you wish to reassign the players to.

Reassign new application for your players

Select the application that you wish to reassign your Player devices to

Application : **Angies Test App - 16 Aug**

Proceed

XYZ 192.168.1.74

Angies Test App - 16 Aug
 AppSpace - SARA
 Appspace Connect
 Campaign Passive
 Copy 2
 Copy Angie's Test
 DataSource Custom Test
 DateTime
 edit widget_KKApps

Reassign Player – Change Application

Once assigned, the Players will begin syncing the selected application. Please note this may take some time depending on application content size and bandwidth connection.

PLAYER SEARCHING

To search for players, type the player name or tag in the search field and click on the "Search" button. The system will list out the players that match your search.

Players

Health status is reported by players periodically. Valid status conditions include; online (application running), offline (player disconnected), communication lost (player failed to report to AppSpace) or failed (an error was detected at playback). Sync status refers to the last known content state of the player. In Sync means the player has successfully downloaded the latest content, Out Of Sync means the player is running an older content set. Please note sync status is updated periodically and may take a while to update if switching applications or a SmartHub is used to accelerate content.

Tags: Select a tag to display associated players

Players: There are 12 players : 1 online , 11 offline , 0 failed and 0 communication lost

Create Player Tag Change Application

Search: DMP1

View By: Current network Filter By: No Filter

Name	Application	IP Address	Sync Status	Health Status
Citibank Passive D..	Citibank Passive D..	192.168.1.54	Out Of Sync since December 15 , Offline 2010 7:56 AM	
Citibank Simple (P..	Citibank Simple (P..	192.168.1.54	Out Of Sync since July 12 , 2011 Offline 8:50 AM	
DMP-BKK Demo	SmartStation - Cis..	10.10.10.50	Out Of Sync	Offline
DMP1	AVI SPL Infocomm20..	10.1.101.241	Out Of Sync since June 8 , 2010 Offline 7:09 PM	

Player Searching

SMARTHUB ASE (APPLICATION SERVICE ENGINE)

The SmartHub ASE is a system that pre-positions content and integrates third-party data, services, and hardware to increase the efficiency and functionality of your applications. Administrators can register and manage SmartHub ASE here. They can also tag the SmartHub ASE to enable a more efficient grouping and filtering during viewing.

TAGGING SMARTHUB ASE

To tag a SmartHub ASE, click on the checkbox of the SmartHub ASE(s) that you want to group together and click on the "Tag" link at the top of the page. Type in the tag you want to assign to them, separated with a comma if there is more than one tag and click Add.

Smart Hubs

Smart Hubs: There are 9 smart hubs : 1 online , 8 offline , 0 failed and 0 communication lost

Tag

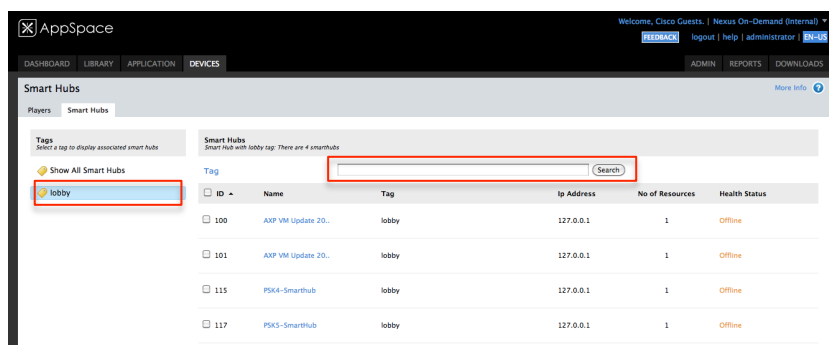
Tag: lobby

Add Remove

Tag	Ip Address	No of Resources	Health Status
	127.0.0.1	1	Offline
101 AXP VM Update 20..	127.0.0.1	1	Offline
112 M1-SmartHub	127.0.0.1	1	Offline
114 PSK3-SmartHub	127.0.0.1	1	Offline
115 PSK4-SmartHub	127.0.0.1	1	Offline
116 PSK3-SmartHub	127.0.0.1	1	Offline
117 PSK3-SmartHub	127.0.0.1	1	Offline

SmartHub ASE Tagging

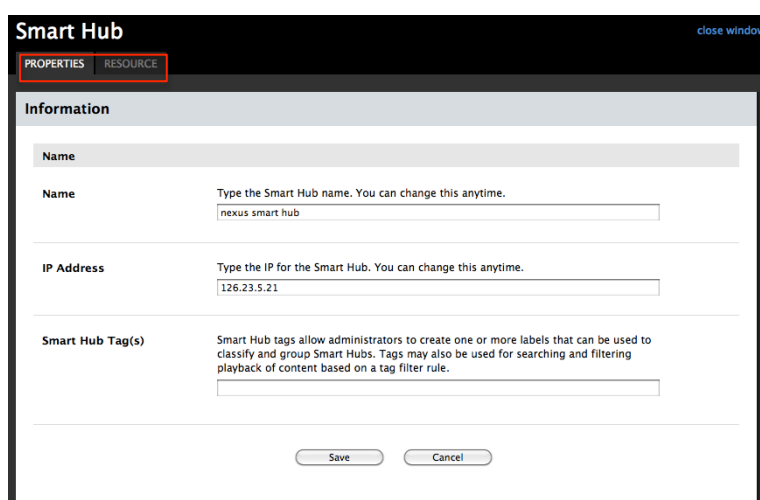
Once tagged you can filter the SmartHub ASEs based on the assigned tag by using either the search bar at the top of the page or by clicking on the tag listed in the left panel.



Searching SmartHub ASEs

EDITING SMARTHUB ASE

To edit a SmartHub ASE, click on the name of the SmartHub ASE from the table listing. This will pop up a properties dialog box. The Properties tab allows users to edit the name, IP address and tags of the SmartHub ASE. Click "Save" when finished.

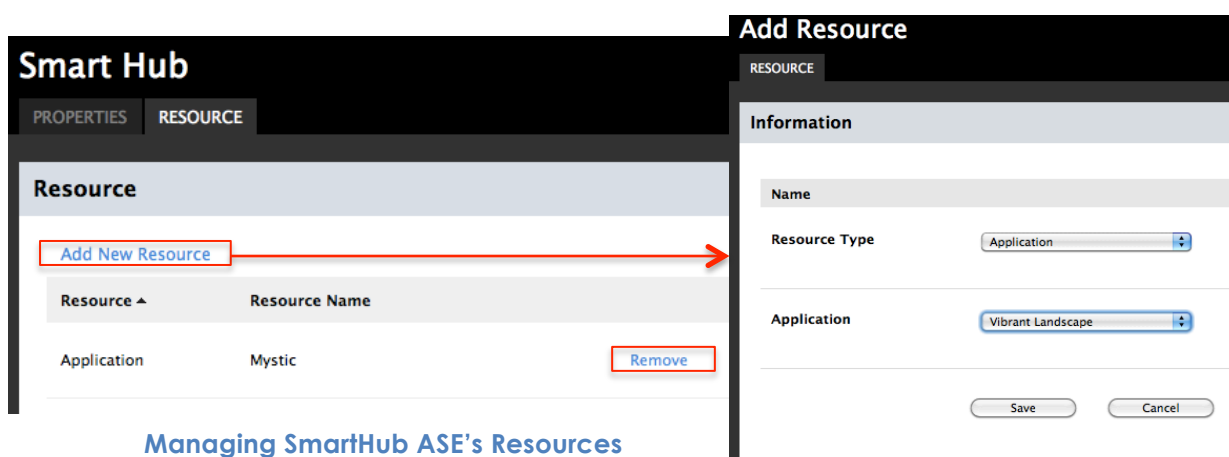


Editing SmartHub ASE's Properties

MANAGING SMARTHUB ASE'S RESOURCES

The Resource tab displays a list of resources that the SmartHub ASE is accelerating. Resource consists of player, application or network. To stop the SmartHub ASE from accelerating a particular resource, click the "Remove" link associated with the resource.

To add a resource to a SmartHub ASE, click the "Add New Resource" link at the top of the page. In the Add Resource dialog box, select the type of resource and the resource to add from the drop down list and click Save.



Managing SmartHub ASE's Resources

ADMIN

The Admin section allows users to configure account properties, preferences, manage users and update licenses.

ACCOUNT

In the Account tab users can update the following details:

- Contact Details - General user details including email address. The email address must be valid in order for player alerts to be received
- Password - Users can update their password or password hint for accessing their AppSpace account
- Send Alerts - If set to "yes" the user will receive email alerts when a device fails
- Subscription Details - Administrators will see the subscription details for their account. This includes the current and maximum limits for player devices, users and content library size
- API Key - Application Programming Interface (API) Key is used by developers when integrating with the AppSpace API

AppSpace

Welcome, Admin. | AppSpace

FEEDBACK | logout | administrator | EN-US

DASHBOARD | LIBRARY | APPLICATION | DEVICES | ADMIN | REPORTS | SYSTEM | DOWNLOADS

Account Details

Account | Preferences | Users | Licenses

Contact Details

First Name : Admin

Last Name :

Work Number : +1 214.233.7114

Mobile Number : +1 214.233.7115

Email : networkadmin@nexusmediainc.com

Alerts, notifications and password reminders will be sent to this email address. Please make sure you are using a valid and working email address.

Password

Current Password : [Change Password](#)

Password Hint : What is the last name of your favorite musician?

Secret Answer : a

Send Alerts? No Alerts allow you to keep track of the health status of your players. If you choose Yes, alerts will be sent to your email whenever a player fails. Otherwise, you will not receive any player alerts.

Subscription Details

There is no register date for this account

There is no expiry date for this account

0 player(s) registered (maximum allowed is limited by server license).

2 user(s) registered (maximum allowed is limited by server license).

6.27 MB current usage (maximum allowed is limited by server license).

API Key 953f86b8-cf66-4267-bafd-e33838685e19

Save

Account Details

ACCOUNT PREFERENCES

The Preferences tab allows users to configure common account preferences. These include:

- Custom Login Page - Administrators can create a custom login page for AppSpace users to login. When a user logs out they will be directed to the custom login page
- Website Logo - Administrators can customize the AppSpace logo in the header to use their company or product logo
- Header Background - Administrators can customize the AppSpace header to use a custom color
- Language - Users can configure the default language to load when accessing AppSpace
- Time Zone - Users can configure the time zone to display date / time in AppSpace

Account Details

Account **Preferences** Users Updates

AppSpace Domain Type your desired domain and we will check to see if it is available.
☒ Default ☐ AppSpace Domain ☐ Your custom domain
[Setup instruction](#)

Custom Login Page You can use your customized login page.
☒ AppSpace Login Page ☐ Your Custom Login Page
[Setup instruction](#) [Sample login page](#)

Website Logo You can customize the website by uploading your own company logo.
 Upload New Logo :
 Recommended resolution is 140x80.
[Restore Default](#)

Header Background You can customize the website by changing your header background colour.


Language English (United States) [Switch Language Edit Mode to On](#)

Time Zone (GMT+12:00) Fiji, Marshall Is.

Preferences

Custom Login Page You can use your customized login page.

☐ AppSpace Login Page ☒ Your Custom Login Page

Custom Login Page

Custom Login Page You can use your customized login page.

☐ AppSpace Login Page ☒ Your Custom Login Page

[Setup instruction](#) [Sample login page](#)

a. To use your own custom login.
 b. First you need create your custom login page.
 c. After the custom login page is created, upload it to your web server. For example : `www.somedomain.com/somefile/login.html`
 d. Finally, enter the link to your login page as your custom login page.

Website Logo You can customize the website by uploading your own company logo.
 Upload New Logo :
 Recommended resolution is 140x80.
[Restore Default](#)

Header Background You can customize the website by changing your header background colour.


Sample Custom Login

Website Logo You can customize the website by uploading your own company logo.
 Upload New Logo :
 Recommended resolution is 140x80.
[Restore Default](#)

Header Background You can customize the website by changing your header background colour.


Language English (United States)

Time Zone (GMT+08:00) Kuala Lumpur, Singapore

Sample Custom Login You can use your customized login page.

☐ AppSpace Login Page ☒ Your Custom Login Page

[Setup instruction](#) [Sample login page](#)

a. To use your own custom login.
 b. First you need create your custom login page.
 c. After the custom login page is created, upload it to your web server. For example : `www.somedomain.com/somefile/login.html`
 d. Finally, enter the link to your login page as your custom login page.

Website Logo You can customize the website by uploading your own company logo.
 Upload New Logo :
 Recommended resolution is 140x80.
[Restore Default](#)

Header Background You can customize the website by changing your header background colour.


Language English (United States)

Time Zone (GMT+08:00) Kuala Lumpur, Singapore

Sample Custom Login You can use your customized login page.

☐ AppSpace Login Page ☒ Your Custom Login Page

[Setup instruction](#) [Sample login page](#)

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 d. Finally, enter the link to your login page as your custom login page.

Website Logo You can customize the website by uploading your own company logo.
 Upload New Logo :
 Recommended resolution is 140x80.
[Restore Default](#)

Header Background You can customize the website by changing your header background colour.


Language English (United States)

Time Zone (GMT+08:00) Kuala Lumpur, Singapore

Sample Custom Login You can use your customized login page.

☐ AppSpace Login Page ☒ Your Custom Login Page

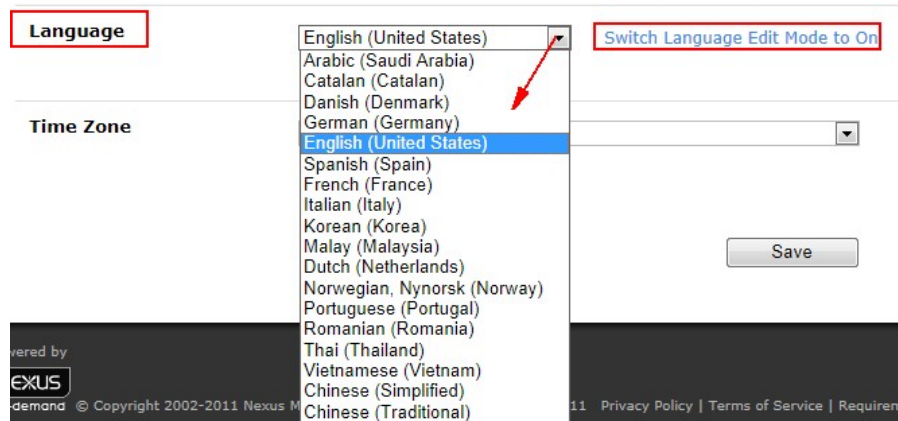
[Setup instruction](#) [Sample login page](#)

a. To use your own custom login.
 b. First you need create your custom login page.
 c. After the custom login page is created, upload it to your web server. For example : `www.somedomain.com/somefile/login.html`
 d. Finally, enter the link to your login page as your custom login page.

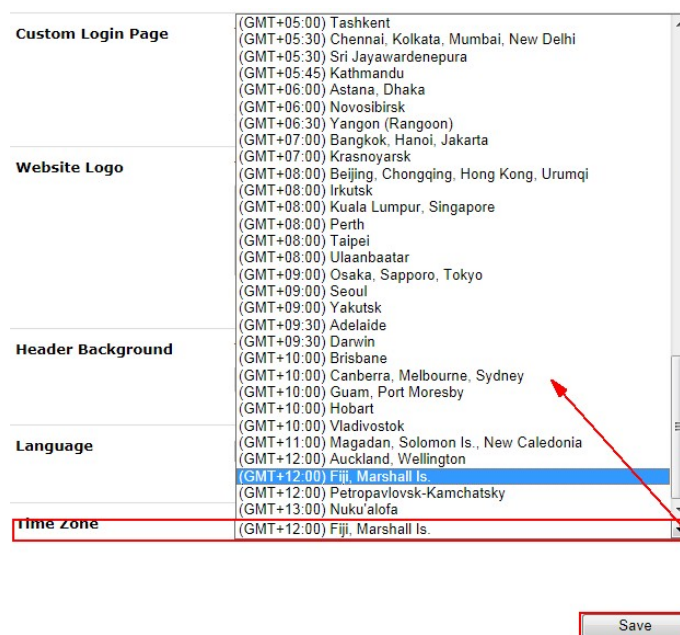
Website Logo



Header Color Picker



Language Selection



Time Zone Selection

USER MANAGEMENT

AppSpace supports multiple users per account. Depending on the user's role they will have restricted access to key areas of the system. Only administrators have the rights to create or modify existing users and roles.

Users are assigned to user groups (please refer to the AppSpace Administrator User Manual). Each user group has a common library which is shared among all users in the user group.

User Accounts

Account Preferences **Users** Updates

Use the list below to manage users in your account. Note, only Administrator can change the roles of a Manager.

Roles :

- Administrator** - Full control of account.
- Manager** - Full control of the website, except editing account details.
- Standard User** - Limited control of the website.

[Add New User](#)

User	Group	Email	Work Contact	Mobile Contact	Role
AdminY Istrator	Admin	networkadmin@nexusmediainc.com	405 232 0882	405 406 2368	Administrator
angie	Content Managers	angie@test.com			☐ Manager ☒ Standard User
aslina nor	Admin	asl@nexusondemand.com			☐ Manager ☒ Standard User
gab gab	Content Managers	gabriele@nexusondemand.com			☐ Manager ☒ Standard User
mengs moons	Content Managers	mm	999	999	☐ Manager ☒ Standard User
pk	Content Managers	puekuan@nexusondemand.com			☐ Manager ☒ Standard User
User 5	Content Managers	qq			☐ Manager ☒ Standard User
User 6	Admin	mpqxcs@gmail.com	999	999	☐ Manager ☒ Standard User
User 1	Content Managers	aa			☐ Manager ☒ Standard User

Users Listing

The following roles are supported for users.

- Administrator – Full control of the account
- Manager – Full control of applications and devices
- Standard User – Limited control of the applications

Adding a New User

To add a new user, click on the “Add New User” link.

User Accounts

Account Preferences **Users** Updates

Use the list below to manage users in your account. Note, only Administrator can change the roles of a Manager.

Roles :

- Administrator** - Full control of account.
- Manager** - Full control of the website, except editing account details.
- Standard User** - Limited control of the website.

[Add New User](#)

User	Group	Email	Work Contact	Mobile Contact	Role
AdminY Istrator	Admin	networkadmin@nexusmediainc.com	405 232 0882	405 406 2368	Administrator
angie	Content Managers	angie@test.com			☐ Manager ☒ Standard User
aslina nor	Admin	asl@nexusondemand.com			☐ Manager ☒ Standard User

Adding New User

Under the “Group” drop-down list select the user group to add the user to.

Add New User

Information

Group :

Contact Details

Last Name :

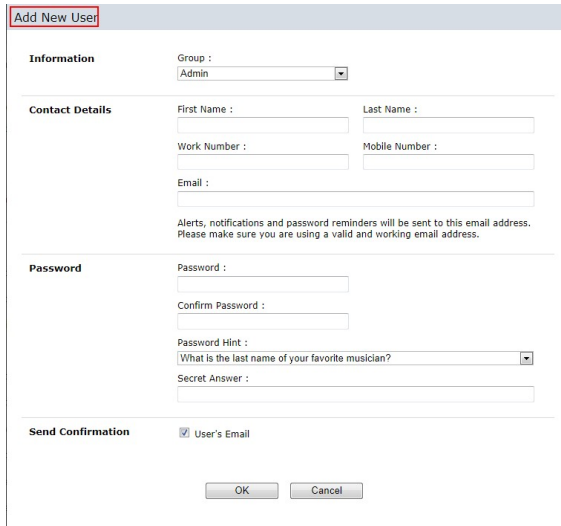
Mobile Number :

Group List:

- Admin
- Account Management
- Admin**
- Application Management
- Content Managers
- networkadmin
- Player Management
- Portal Management
- testnetwork
- User Group Management
- User Management

Select User Group

Under the “Contact Details” enter the requested information for “First Name, Last Name, Work Number, Mobile Number, and Email”.



Add New User

Information Group :

Contact Details First Name : Last Name :
 Work Number : Mobile Number :
 Email :
 Alerts, notifications and password reminders will be sent to this email address. Please make sure you are using a valid and working email address.

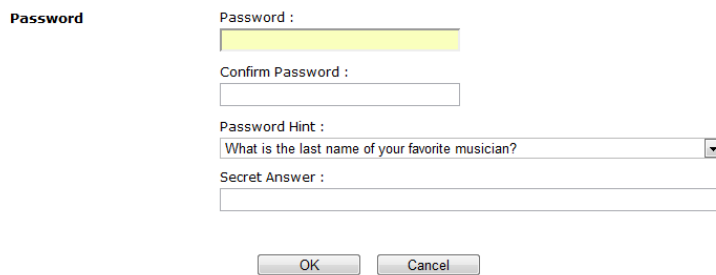
Password Password :
 Confirm Password :
 Password Hint :
 Secret Answer :

Send Confirmation ☒ User's Email

OK Cancel

New User Details

Alerts, notifications and password reminders will be sent to this email address. Please make sure you are using a valid email address.



Password Password :
 Confirm Password :
 Password Hint :
 Secret Answer :

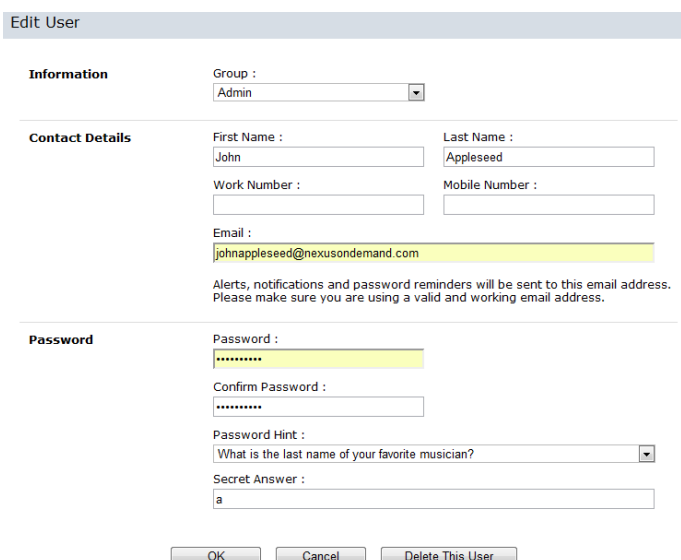
OK Cancel

User Password

Under the "Password" text box type the requested information for "Password, Confirm Password, Password Hint and Secret Answer".

Editing Existing User

To edit an existing user, click on the users name in the user list and the users information dialog will display.



Edit User

Information Group :

Contact Details First Name : Last Name :
 Work Number : Mobile Number :
 Email :
 Alerts, notifications and password reminders will be sent to this email address. Please make sure you are using a valid and working email address.

Password Password :
 Confirm Password :
 Password Hint :
 Secret Answer :

OK Cancel Delete This User

Editing User

Delete Existing User

To delete an existing user, click on the users name in the user list and the users information dialog will display. At the bottom of the dialog, click on "Delete This User".

The screenshot shows the 'Edit User' dialog box. It has three main sections: 'Information', 'Contact Details', and 'Password'. In the 'Information' section, the 'Group' is set to 'Admin'. In the 'Contact Details' section, the 'First Name' is 'John', 'Last Name' is 'Appleseed', 'Email' is 'johnappleseed@nexusondemand.com', and there are empty fields for 'Work Number' and 'Mobile Number'. A note states: 'Alerts, notifications and password reminders will be sent to this email address. Please make sure you are using a valid and working email address.' In the 'Password' section, there is a 'Password' field with masked characters and a 'Secret Answer' field with the value 'a'. A confirmation modal is overlaid on the dialog, asking 'Delete this user? This action cannot be undone.' with 'OK' and 'Cancel' buttons. At the bottom of the dialog, there are 'OK', 'Cancel', and 'Delete This User' buttons.

Delete User

MANAGING APPSPACE LICENSES

The AppSpace licenses tab allows administrators to enter and activate new product keys that increase the subscription limits for system resources such as the number of devices, users and networks that are supported.

The screenshot shows the AppSpace 'License Activation' page. The top navigation bar includes 'DASHBOARD', 'LIBRARY', 'APPLICATION', and 'PLAYER'. The 'LIBRARY' tab is active. The 'License Activation' section has tabs for 'Account', 'Preferences', 'Users', 'Updates', and 'Licenses'. The 'Licenses' tab is selected. Below the tabs, there is a section titled 'Enter your Nexus On-Demand credentials' with 'Username' and 'Password' input fields. At the bottom, there are 'Next' and 'Proceed to Manual Activation' buttons.

License Activation

Users can perform an online activation or manual activation depending on the AppSpace internet connectivity. Online activation requires that you have a Nexus On-Demand Connect account.

This is a close-up of the 'License Activation' page, focusing on the 'Enter your Nexus On-Demand credentials' section. It shows the 'Username' and 'Password' input fields. Below these fields, there are 'Next' and 'Proceed to Manual Activation' buttons. The 'Proceed to Manual Activation' button is highlighted with a red box.

Proceed to Manual Activation

For Manual Activation click the “Proceed to Manual activation” link.

AppSpace Welcome, Admin. | AppSpace [FEEDBACK](#) [logout](#) | administrator | [EN-US](#)

[DASHBOARD](#) [LIBRARY](#) [APPLICATION](#) [DEVICES](#) [ADMIN](#) [REPORTS](#) [SYSTEM](#) [DOWNLOADS](#)

License Activation

[Account](#) [Preferences](#) [Users](#) [Licenses](#)

To manually activate your new licenses you will need to first download your current AppSpace license file and send it to your Nexus On-Demand account manager for processing.

Existing Product Keys

26CS-CAAE-E768-46B0
F9CD-3F61-E11B-4BA8

Step 1: Download current AppSpace license file.
[Download File](#)

Step 2: Browse to your new license file and submit. If valid, your new licenses will be imported into your account.
License : [Choose File](#) | No file chosen

[Submit](#) [Back](#)

Manual Activation

REPORTS

AppSpace reports allow administrators to retrieve system access logs for a particular account, network or user.

AppSpace Welcome, AdminY Istrator. | Nexus [FEEDBACK](#) [logout](#) | help | administrator | [EN-US](#)

[DASHBOARD](#) [LIBRARY](#) [APPLICATION](#) [DEVICES](#) [ADMIN](#) [REPORTS](#) [DOWNLOADS](#)

Reports

[Activities](#) [More Info](#)

Date	User	Action	Target Resource	Type
02 November 2011 05:45 PM	Syed Muhammad Wan Mohamad Akbar	Delete	Datasource : Media Container_2	Info Menu
02 November 2011 05:46 PM	Syed Muhammad Wan Mohamad Akbar	Delete	Datasource : Media Contain..	Info Menu

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

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Filter Search

From: 01/November/2011 To: 30/November/2011
Account: Nexus Tech Dev
Resource: User
User: Syed Muhammad Wan
Action: Delete
[Search](#)

Reports

If you wish to filter the report edit on the “Filter Search” navigation box on the right to filter your report activities.

- Select your report period “From” and “To” dates
- Select the Account the report will be populated from
- Select specific resources to be included in the report
- Select specific actions you wish to view for this report

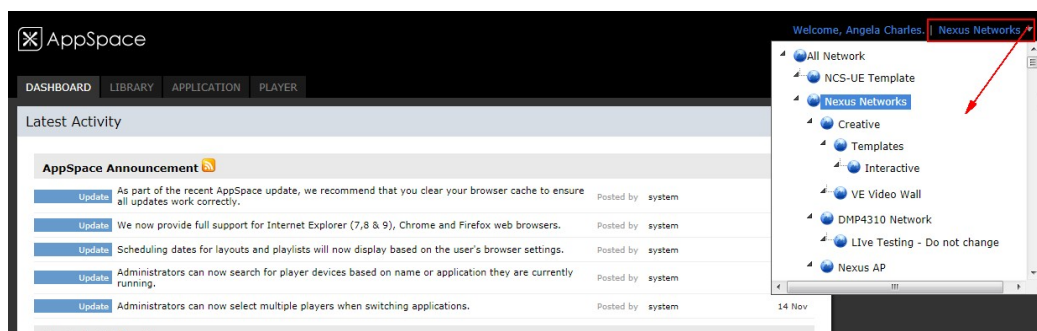
DOWNLOADS

The Downloads section allows users to download common software applications and tools. These include:

- Nexus DMP Wizard: The software required to register and configure a Cisco DMP 4400/4310
- Nexus SmartHub: The software installation files for the Nexus SmartHub ASE

NETWORKS

Administrators can partition their accounts into Networks for easier management and scoping of users, applications and devices. Management of networks is covered in the AppSpace Administrator User Manual. To switch networks in the Design interface, click on the network name link on the top right of the page.

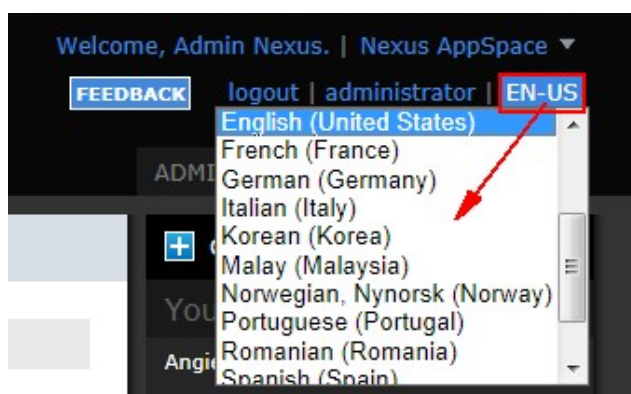


Network

Changing network requires that the user has access rights to other networks.

LANGUAGES

In AppSpace, users are given the option to change the language in which all text is displayed.



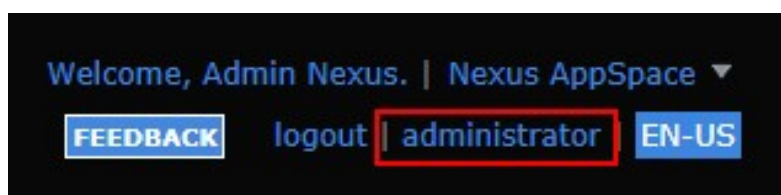
Changing Language

Changing AppSpace displayed language is as easy as selecting the new language from the drop down list of supported languages.

ADMINISTRATOR INTERFACE

The Administrator interface provides more advanced IT centric features and functions for managing AppSpace. Please refer to the Administrator User Manual for more information.

To switch to the Administrator interface, click the “administrator” link.



Switch to Administrator Interface

If you click on the “Yes” button the system will switch mode to the administrator.

Switch to Administrator Interface?

**Advanced Components**
Add dynamic media such as a web page, digital TV and streaming contents.

**Metrics Reporting**
Generate report on content's playout count.

**Global Publishing**
Link media zones from multiple applications.

**Allocation Rules**
Control allocation access to widgets in your application layouts.

You can always switch back to basic mode at any time.

Note - Administrator Interface requires the use of Internet Explorer 7 only.

Switch Mode - Administrator